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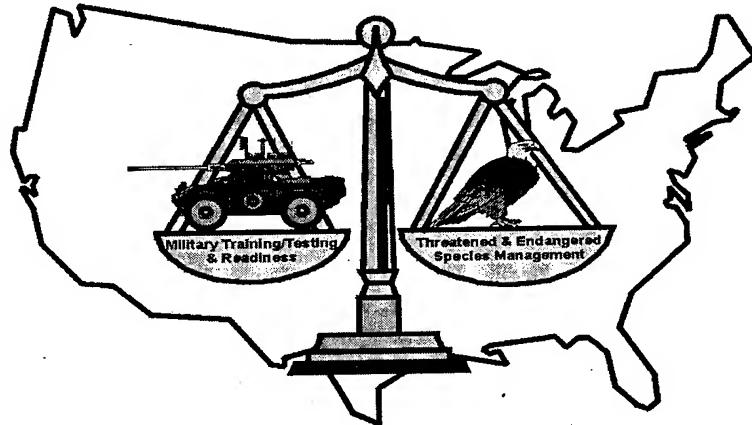
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Installation Summaries From the 1998 Survey of Threatened and Endangered Species on Army Lands

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The Army's Environmental Quality Report (EQR) is a means by which installations report annually to Army Headquarters (HQDA) on a variety of natural resource and environmental issues. This report (part of a continuing series) summarizes data from the Threatened and Endangered Species (TES) portion of the 1998 EQR. Installation-level data provides information on species that occur on or contiguous to each installation, while species-level data lists all installations on which each species occurs. Corresponding information on

Federal status, category of species, critical habitat, informal consultations with the U.S. Fish and Wildlife Service (USFWS), and biological opinions rendered by USFWS are provided for each species.

Additional information on the status of endangered species management plans (ESMPs), planning level surveys (PLSs), and points-of-contact are available for each installation.

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Foreword

This study was conducted for the U.S. Army Environmental Center (AEC) under the Conservation Assistance Program (CAP), tracking numbers 0399-001 through 0399-004; "Installation Summaries from the 1998 Survey of Threatened and Endangered Species on Army Lands." The technical monitors were Mr. Scott Belfit and Ms. Mary Reed, SFIM-AEC-ECN.

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1 Introduction

Background

The Army's primary mission is to provide for the national defense. However, as a Federal agency, the Army is also required to protect the Threatened and Endangered species (TES) that occur on the same lands where training of soldiers and testing of weapons are carried out. Regular data collection efforts provide the Army with information that it needs to monitor and manage TES and their habitats. Each year, installations are asked to provide Army Headquarters (HQDA) with a list of TES occurring within their boundaries and on surrounding lands, and respond to a series of questions about those species. This information gives the Army the ability to assess the status of its TES nationwide, to plan for expenditures related to TES, and to deal proactively with any potential conflicts between TES and the military mission (Shaw and Hill 1996, Schreiber et al. 1997, Shaw et al. 1998).

Objective

The objective of this project was to analyze and report TES information from the 1998 Environmental Quality Report (EQR) survey. This data will help the Army plan how best to comply with its obligations under the Endangered Species Act (ESA) while carrying out its military mission.

Approach

Prior to 1997, TES data collection efforts included a survey that was administered directly to the installations. However, since 1997, installations are now able to enter their responses to the EQR directly into the TES database via the Army's Defense Environmental Network and Information Exchange (DENIX)*.

* DENIX has both public web pages and pages restricted to DOD-authorized users. The DENIX homepage can be accessed at <http://www.denix.osd.mil>.

TES data are now extracted from the EQR, which contains questions on a broad range of environmental and natural resource issues, including TES, via DENIX. Questions on TES included Federal status, presence of critical habitat, number of informal consultations and biological opinions, and total expenditures for each species on the installation. Information is also collected on the status of the installations' Endangered Species Management Plan (ESMP) and Planning Level Survey (PLS), covering all species on the installation.

Responses from the TES portion of the EQR were sent to CERL for data cleaning and analysis. Installations were re-contacted by phone to verify responses.

Scope

The intended scope of this survey was all Army installations with onsite or contiguous species that were listed in the Federal Register in late 1998 as having Threatened, Endangered, Proposed Threatened, Proposed Endangered, or Candidate status. As in previous survey years, several installations did not respond to the survey and therefore had to be contacted to obtain data. For practical purposes, the survey represents a complete census of Army installations with TES.

Mode of Technology Transfer

The Army Environmental Center was provided with the cleaned and verified data in (Excel 5.0) from the 1998 EQR survey. The data will be incorporated into DENIX (the Defense Environmental Network Information eXchange) where installations and Major Commands will be able to update TES information. The present report can be downloaded from the CERL web page;
<http://www.cecer.army.mil>.

2 Definitions

Biological Opinion – The document that states the opinion of the U.S. Fish and Wildlife Service (USFWS)/National Marine Fisheries Service (NMFS) as to whether or not a Federal agency's proposed action is likely to jeopardize the continued existence of a listed species or result in the destruction or adverse modification of critical habitat.

Category – Species are divided into the following categories in this report:

amphibians	insects
birds	mammals
clams	plants
crustaceans	reptiles
fish	snails

Critical Habitat – An area determined by the USFWS/NMFS to be critical to the survival of a species. Under certain circumstances, critical habitat may be designated in an area deemed favorable for the species, but where the species is not known to occur. Only a small number of the species with critical habitat actually have such habitat designated on Army installations.

Distinct Species – A species may occur on several installations, but is only counted once for purposes of assessing the number of distinct species found Army-wide. For example, species X may occur on five installations, but when the total number of species is presented, species X is only counted once.

ESMP – Endangered Species Management Plan. A plan developed in accordance with Army Regulation (AR) 200-3, Chapter 11, for the management of listed or proposed species or critical habitat.

Expenditures – The total cost for managing each Federally listed Threatened or Endangered species for which funds were expended during the reporting fiscal year. Guidelines for reporting TES expenditures are provided by the USFWS. Guidance is based on the notion of "reasonably identifiable Federal Expenditures made primarily for the conservation of endangered and threatened species pursuant to this [Threatened and Endangered Species] Act."

Federal Status

- E – Federally Endangered
- T – Federally Threatened
- PE – Federally Proposed as Endangered
- PT – Federally Proposed as Threatened
- C – Candidate for Federal Listing
- C(w) – Candidate species whose listing is “warranted but precluded” by other listing activity in the past year. No distinction is made between C and C(w) for reporting purposes.

Federal Action [Proposed Action] – Any activity permitted, funded, or conducted by a Federal agency.

Formal Consultation – The process between USFWS/NMFS and a Federal agency that commences when the Federal agency determines its action may affect a listed species or critical habitat. The Federal agency then submits a written request for consultation with USFWS/NMFS. The process concludes with the issuance of a Biological Opinion from the USFWS/NMFS, stating whether or not the action is likely to result in jeopardy to the species or adverse modification of critical habitat.

Informal Consultation – The informal consultation process precedes formal consultation and may be requested by the Federal agency, a designated non-Federal representative, or other applicant. Informal consultation may include such topics as which species occur in the proposed action area, and what effect the action may have on listed species or critical habitats. Informal consultation often concludes with USFWS/NMFS providing written concurrence with the Federal agency’s determination that its action is not likely to adversely affect listed species or critical habitat.

Installation – The term installation includes active military installations, state National Guard Bureau (NGB) offices, NGB training sites, Army ammunition plants and depots, and regional support centers for the Army Reserve. Analyses in this report do not make a distinction between the various types. In some cases it was difficult to define “installation” data because some NGB state offices, for example, reported on an individual basis, while others reported at the state level.

Jeopardy Biological Opinion – A Biological Opinion issued by the USFWS or NMFS stating that a proposed action is likely to jeopardize the continued existence of listed species or result in the destruction or adverse modification of critical habitat.

Non-jeopardy Biological Opinion – A Biological Opinion issued by the USFWS or NMFS stating that a proposed action may affect, but is not likely to jeopardize the continued existence of listed species or result in adverse modification of critical habitat.

PLS – Planning Level Survey. An installation-wide inventory used to characterize essential components of the installation natural resources (e.g., landform, soil, water, and biota). Planning level surveys for TES include, at a minimum, a map showing the kinds and known distribution of TES on the installation.

Species Occurrence – An occurrence is equivalent to an individual record. For example, a species that occurs on three installations is recorded as having three occurrences.

S/A – Similarity of Appearance. A species that closely resembles a threatened or endangered species may be given the Federal status of the species it resembles. Similarity of Appearance species are denoted with a T(S/A) or E(S/A). However, no distinction is made between S/A and TES for reporting purposes.

Species Location

Contiguous – Species known to occupy or otherwise use habitat adjacent to an installation, which may be affected by installation military activities and land management practices. Contiguous species are of concern to installations because of the possibility that they may at some future time be found on the installation.

Onsite – Species that have been documented on the installation.

T&E – The term T&E includes only Federally Threatened and Endangered species. These two statuses include S/A species.

TEP – The term TEP includes all Federally Threatened, Endangered, and Proposed species.

TES – Threatened and Endangered Species. The term TES includes all Federally Threatened, Endangered, Proposed, and Candidate species on Army lands.

3 Changes From the 1997 TES Survey

Species That Have Changed Federal Status

Five species have changed Federal status since the 1997 TES survey (Table 1). These include 2 plants, 1 amphibian, 1 mammal, and 1 reptile.

Table 1. Species with a different Federal status from that reported in 1997.

Scientific Name	Common Name	Category	1997	1998
<i>Astragalus jaegerianus</i>	Lane Mountain Milk-vetch	Plant	PE	E
<i>Clemmys muhlenbergii</i>	Bog Turtle (Northern Pop.)	Reptile	PT	T
<i>Piperia yadonii</i>	Yadon's Piperia	Plant	PE	E
<i>Rana aurora draytoni</i>	California Red-legged Frog	Amphibian	PE	T
<i>Zapus hudsonius preblei</i>	Preble's Meadow Jumping Mouse	Mammal	PE	T

New Species Reported in 1998

Eight species were reported as occurring on Army lands that were not identified in previous years (Table 2). These include 3 plants, 2 insects, 1 bird, 1 mammal, and 1 fish.

Table 2. Species reported in 1998 that were not reported in 1997.

Scientific Name	Common Name	Category	1998
<i>Cyanea st-johnii</i>	Haha	Plant	E
<i>Desmocerus californicus dimorphus</i>	Valley Elderberry Longhorn Beetle	Insect	T
<i>Megalagrion xanthomelas</i>	Orangeblack Hawaiian Damselfly	Insect	C
<i>Mustela nigripes</i>	Black-footed Ferret	Mammal	E
<i>Onchorhynchus mykiss</i>	Steelhead	Fish	T
<i>Paroreomyza maculata</i>	Oahu Creeper	Bird	E
<i>Phyllostegia kaalaensis</i>	None	Plant	E
<i>Spiranthes delitescens</i>	Canelo Hills Ladies'-tresses	Plant	E

Species Removed from Installations Reporting TES in 1997

Thirty-six species were reported on Army lands in 1997 that were not included in the 1998 TES survey (Table 3). These include 23 plants, 6 snails, 3 birds, 2 insects, 1 mammal, and 1 reptile. Table 3 includes only those species removed entirely from the 1998 TES survey, and does not include species that may have been removed from one installation but still listed on another.

Table 3. Species removed from installations reporting TES in 1997.

Scientific Name **	Common Name	Category	Installation	1997	1998
<i>Achatinella bulimoides</i>	Pupu Kuahiwi	Snail	Kawaihoa	E	E
<i>Achatinella dimorpha</i>	Pupu Kuahiwi	Snail	Kahuku	E	E
<i>Achatinella rosea</i>	Pupu Kuahiwi	Snail	Kawaihoa	E	E
<i>Achatinella swiftii</i>	Pupu Kuahiwi	Snail	Kawaihoa Schofield	E	E
<i>Achatinella valida</i>	Pupu Kuahiwi	Snail	Kahuku	E	E
<i>Adenophorus periens</i>	Pendant Kihi Fern	Plant	Kahuku Kawaihoa	E	E
<i>Amaranthus pumilus</i>	Seabeach Amaranth	Plant	Sunny Point	T	T
<i>Anniella pulchra nigra</i>	Black Legless Lizard	Reptile	POM Annex	PE	PE
<i>Chorizanthe robusta</i>	Robust Spineflower	Plant	POM Annex	E	E
<i>Clematis hirsutissima</i> var. <i>arizonica</i>	Arizona Leatherflower	Plant	Camp Navajo	C	C
<i>Colubrina oppositifolia</i>	Kauila	Plant	STARC - Hawaii	E	E
<i>Cyanea grimesiana</i> ssp. <i>obatae</i>	Haha	Plant	Schofield	E	E
<i>Cyanea longiflora</i>	Haha	Plant	Kahuku Kawaihoa Schofield	E	E
<i>Diplazium molokaiense</i>	None	Plant	Schofield	E	E
<i>Echinocereus fendleri</i> var. <i>kuenzleri</i>	Kuenzler Hedgehog Cactus	Plant	Fort Bliss	E	E
<i>Eragrostis fosbergii</i>	Fosberg's Love Grass	Plant	Schofield	E	E
<i>Euphilotes enoptes smithi</i>	Smith's Blue Butterfly	Insect	Fort Bliss	E	E
<i>Gilia tenuiflora</i> ssp. <i>are- naria</i>	Monterey Gilia	Plant	POM Annex	E	E
<i>Isodendrion hosakae</i>	Aupaka	Plant	STARC - Hawaii	E	E
<i>Lespedeza leptostachya</i>	Prairie Bush-clover	Plant	Badger AAP	T	T
<i>Lipochaeta venosa</i>	None	Plant	STARC - Hawaii	E	E
<i>Manduca blackburni</i>	Blackburn's Sphinx Moth	Insect	STARC - Hawaii	PE	PE
<i>Monachus schauinslandi</i>	Hawaiian Monk Seal	Mammal	Dillingham	E	E
<i>Nothocestrum breviflorum</i>	Aiea	Plant	STARC - Hawaii	E	E
<i>Paroreomyza flammea</i>	Molokai Creeper	Bird	Kawaihoa Makua Schofield	E	E

Scientific Name **	Common Name	Category	Installation	1997	1998
<i>Phyllostegia parviflora</i>	None	Plant	Kawaihoa	E	E
<i>Plantago princeps var. longibracteata</i>	Laukahia Kuahiwi	Plant	Kawaihoa	E	E
<i>Platanthera holochila</i>	None	Plant	Kawaihoa	E	E
<i>Polygyriscus virginianus</i>	Virginia Fringed Mountain Snail	Snail	Radford AAP	E	E
<i>Puffinus auricularis newelli</i>	Newell's Townsend's Shearwater	Bird	STARC - Hawaii	T	T
<i>Schiedea adamantis</i>	Diamond Head Schiedea	Plant	STARC - Hawaii	E	E
<i>Solanum sandwicense</i>	Poplol 'Aiakeakua	Plant	Kahuku Schofield	E	E
<i>Stenogyne kanehoana</i>	None	Plant	Schofield	E	E
<i>Sterna dougallii dougallii</i>	Roseate Tern	Bird	Fort Bliss	T	E
<i>Tetramolopium lepidotum</i> <i>ssp. lepidotum</i>	None	Plant	Makua Schofield	E	E
<i>Vigna o-wahuensis</i>	None	Plant	STARC - Hawaii	E	E

** These species were not removed from the Federal Register, but were removed by the installations.

4 Summary Information

Installation Information

A total of 122 installations responded to the 1998 TES portion of the EQR, by reporting that they had either onsite or contiguous species. Of those responding, 95 installations (78%) reported onsite TES, and 27 installations (22%) reported having only contiguous species (Table 4).

The 122 installations with onsite or contiguous TES include: 44 Army National Guard (ARNG), 30 Army Materiel Command (AMC), 14 Training and Doctrine Command (TRADOC), 11 Forces Command (FORSCOM), 10 U.S. Army, Pacific (USARPAC), 6 U.S. Army Reserve Command (USARC), 2 Military District of Washington (MDW), 2 Military Traffic Management Command (MTMC), 1 Medical Command (MEDCOM), 1 U.S. Army South (USARSO), and the U.S. Military Academy (USMA).

Of the 122 installations with either onsite or contiguous TES, 60 installations (49%) have reported the Bald Eagle, and of those, 13 installations have the Bald Eagle listed as their only species. Since the Bald Eagle will likely be removed from the Federal Register, this will significantly decrease the number of installations reporting TES in the next EQR. The 13 installations affected include: 5 installations from ARNG, 4 installations from AMC, 3 installations from TRADOC, and 1 installation from USARC.

Table 4. Installation and species summary information.

	Onsite	Contiguous	Total
Number of installations	95	27 ^a	122
Number of distinct species	166	48 ^b	214
Number of species occurrences	317	135 ^c	452

^a Does not occur onsite on any installation.

^b Number of distinct species that are only found contiguous to installations.

^c All occurrences of contiguous species.

Appendix A provides a comprehensive list, by MACOM, of the 122 installations with onsite or contiguous TES, with corresponding information on scientific name, common name, occurrence, Federal status, and category. Appendix B

provides an alphabetic list of installations that reported TES in 1998, their associated MACOM, state, a point-of-contact, FFID, and status of their Endangered Species Management Plan and Planning Level Survey.

Species Information

A total of 214 distinct TES (452 occurrences) were identified from the 122 installations reporting species. These include 166 distinct onsite species (317 occurrences), and 48 distinct species that are only found contiguous to installations (135 occurrences) (Table 4).

Of the 214 distinct species, 75% are Endangered, 18% are Threatened, and 7% are Candidates (Figure 1). By Category, 51% of the distinct TES are plants, 17% are birds, 7% are mammals, 6% are reptiles, 5% are snails, 4% are clams and fish, 3% are insects, 2% are amphibians, and 1% are crustaceans (Figure 2).

Federal Status

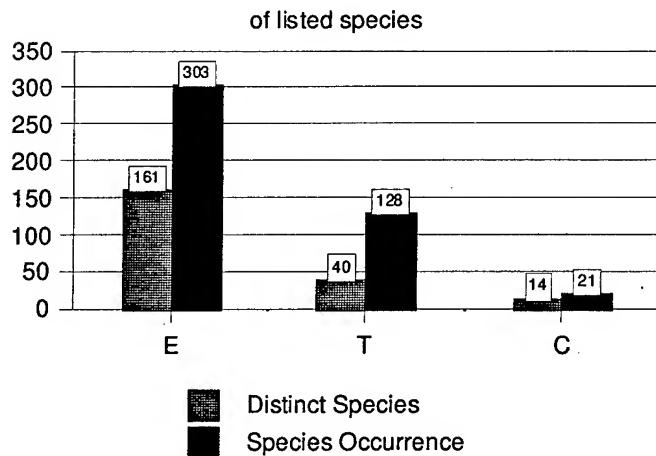


Figure 1. Federal status, by distinct species and species occurrence, for onsite and contiguous TES.

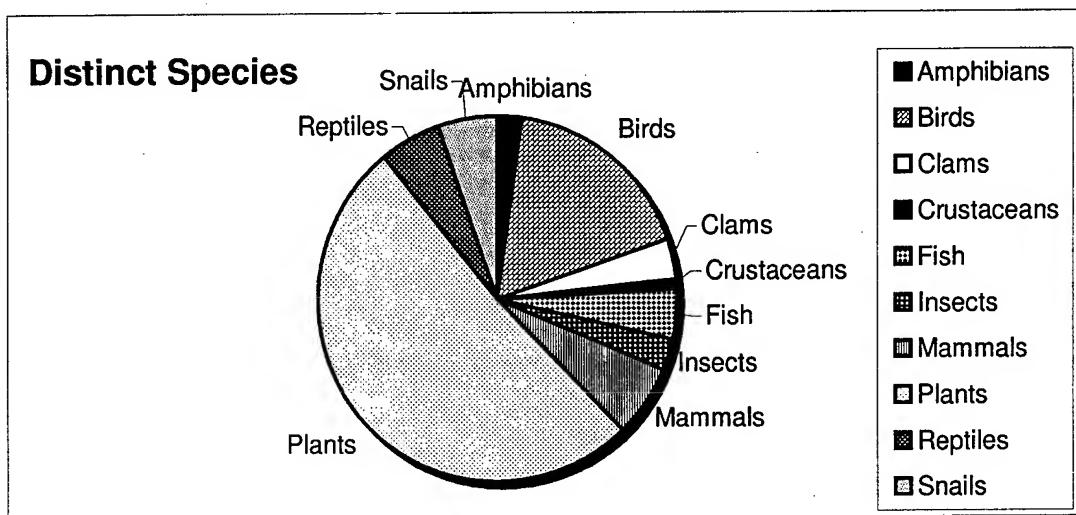


Figure 2. Distinct species, by category, for onsite and contiguous TES.

Appendix C lists the 214 distinct TES, with corresponding installations that each species occurs on, in addition to whether or not critical habitat has been designated for the installation.

Of the 122 installations that reported onsite or contiguous TES, 121 reported the presence of T&E species (Table 5). A total of 200 T&E species (431 occurrences) were identified from the 121 installations. Of the total T&E species, 153 species (299 occurrences) were identified from 94 installations reporting onsite T&E species, while 47 species (132 occurrences) were identified from 27 installations reporting contiguous T&E species (Table 5).

Table 5. Threatened and Endangered species summary information.

	Onsite	Contiguous*	Total
Number of installations reporting T&E species	94	27	121
Number of distinct T&E species	153	47	200
Number of T&E species occurrences	299	132	431

* Does not occur onsite on any installation.

Critical Habitat

Eighteen of the 214 TES (57 occurrences) are species that have been identified by the USFWS as having critical habitat. However, this does not mean that critical habitat has actually been designated on installations where these species occur, as critical habitat is designated for specific geographic locations and the

installations may not fall within these areas. In fact, only three species were confirmed as having critical habitat within the boundaries of an installation: the Todsen's Pennyroyal (White Sands Missile Range), the desert tortoise (Fort Irwin), and the Palila (Pohakuloa Training Area [TA]). Four contiguous TES were also designated as having critical habitat: the American Peregrine Falcon (Camp Smith), the whooping crane (Camp Ashland, Fort Hood, Hastings Training Site [TS]), the northern spotted owl (Fort Lewis), and the Southwestern Willow Flycatcher (Fort Huachuca).

Consultations and Biological Opinions

Installations reported a total of 285 informal and 49 formal consultations with the USFWS/NMFS in 1998. Of the 50 Biological Opinions rendered, 20 (40%) resulted in a Non-Jeopardy Biological Opinion, while 3 (6%) resulted in a Jeopardy Biological Opinion. The remaining 27 (54%) Biological Opinions resulted in a No Opinion Rendered.

Endangered Species Management Plans

Each installation is required to prepare an Endangered Species Management Plan (ESMP) for listed and proposed species and species with critical habitat. Of the 95 installations reporting onsite TES, only 24 have a current and approved ESMP; 30 have a partially complete ($\geq 60\%$) ESMP; and 23 have a partially complete ($< 60\%$) ESMP. In addition, 15 installations reported that they were not required to prepare an ESMP, and 3 installations reported that they have not yet initiated an ESMP. Of the 27 installations reporting only contiguous TES, only 1 has a current and approved ESMP; 4 have a partially complete ESMP ($\geq 60\%$), and 2 have a partially complete ESMP ($< 60\%$). In addition, 20 installations reported that they were not required to have an ESMP. See Appendix B for the ESMP status of each installation.

Planning Level Survey

Each installation is also required to prepare a Planning Level Survey (PLS) to provide natural resource managers the basis to develop plans for continued training and mission requirements, and to meet stewardship goals. Of the 95 installations reporting onsite TES, 70 have a completed PLS, 10 have a partially completed PLS ($< 50\%$), 8 have a partially completed PLS ($> 85\%$), and 2 have a partially completed PLS ($\geq 50\% < 85\%$). The remaining 5 installations reported

that they were not required to prepare a PLS. Of the 27 installations reporting only contiguous TES, 13 reported having a completed PLS, 4 have a partially completed PLS (<50%), 2 have a partially completed PLS (>=50% <85%), and 1 has a partially completed PLS (>85%). The remaining 7 installations reported that they were not required to prepare a PLS. See Appendix B for the PLS status of each installation.

Expenditures

A total of \$10,585K was spent for onsite TES in 1998. By category, expenditures for onsite TES include: \$7,192K for birds, \$1,093K for plants, \$856K for reptiles, \$773K for mammals, \$248K for snails, \$213K for insects, \$110K for crustaceans, \$60K for amphibians, \$40K for fish, and <\$1K for clams.

An additional \$360K was spent on contiguous TES in 1998. The breakdown by category includes: \$111K for clams, \$110K for birds, \$44K for plants, \$38K for mammals, \$30K for amphibians, \$17K for reptiles, \$10K for insects, and <\$1K for fish.

An additional \$3,973K was also spent for managing all other sensitive species not covered in the species-specific expenditures question. This includes non-reportable T&E expenditures such as some multi-species projects, proposed T, proposed E, candidate, State listed, and any other species of concern. These expenses are typically incurred to prevent listing. By MACOM, AMC spent an additional \$1,245K on non-reportable species, FORSCOM spent \$861K, USARPAC spent \$755K, TRADOC spent \$486K, ARNG spent \$271K, MEDCOM spent \$130K, USMA spent \$24K, and USARC spent \$1K.

The Army is frequently asked for information on threatened and endangered species. However, often the requestor does not realize the intricacy of the data in that there are multiple answers to the question, "How many threatened and endangered species are on Army lands?". For future consistency, the number provided (unless other data is specifically requested) will be distinct threatened, endangered, and proposed species onsite. Table 6 shows these numbers for FY96 through FY98.

Table 6. Number of TEP species.

	Year	# of species	# of installations
Contiguous	1996	43	12
	1997	49	12
	1998	47	28
Onsite	1996	181	105
	1997	181	93
	1998	153	93

References

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Appendix A: TES Found on Each Installation

MACOM	Installation	Scientific Name	Common Name	Onsite/ Contiguous	Fed Stat	Category
AMC	Aberdeen Proving Ground	<i>Acipenser brevirostrum</i>	Shortnose Sturgeon	Onsite	E	Fish
		<i>Etheostoma sellare</i>	Maryland Darter	Contiguous	E	Fish
		<i>Falco peregrinus</i>	Peregrine Falcon	Contiguous	E(S/A)	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
AMC	Adelphi Army Research Labs	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
AMC	Anniston Army Depot	<i>Xyris tennesseensis</i>	Tennessee Yellow-eyed Grass	Onsite	E	Plant
AMC	ARDEC (Picatinny)	<i>Clemmys muhlenbergii</i>	Bog Turtle (Northern Pop)	Onsite	T	Reptile
		<i>Falco peregrinus anatum</i>	American Peregrine Falcon	Contiguous	E	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Contiguous	T	Bird
		<i>Myotis sodalis</i>	Indiana Bat	Onsite	E	Mammal
AMC	Blue Grass Army Depot	<i>Trifolium stoloniferum</i>	Running Buffalo Clover	Onsite	E	Plant
AMC	Deseret Chemical Depot	<i>Falco peregrinus anatum</i>	American Peregrine Falcon	Contiguous	E	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Contiguous	T	Bird
AMC	Dugway Proving Ground	<i>Falco peregrinus anatum</i>	American Peregrine Falcon	Contiguous	E	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Contiguous	T	Bird
		<i>Rana pretiosa</i>	Oregon Spotted Frog	Contiguous	C(w)	Amphibian
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Contiguous	T	Bird
AMC	Holston AAP	<i>Myotis grisescens</i>	Gray Bat	Onsite	E	Mammal
AMC	Iowa AAP	<i>Myotis sodalis</i>	Indiana Bat	Onsite	E	Mammal
AMC	Jefferson Proving Ground	<i>Myotis sodalis</i>	Indiana Bat	Onsite	E	Mammal
AMC	Letterkenny Army Depot	<i>Clemmys muhlenbergii</i>	Bog Turtle (Northern Pop.)	Onsite	T	Reptile
AMC	Longhorn AAP	<i>Alligator mississippiensis</i>	American Alligator	Onsite	T(S/A)	Reptile
AMC	Louisiana AAP	<i>Alligator mississippiensis</i>	American Alligator	Onsite	T(S/A)	Reptile
AMC	McAlester AAP	<i>Nicrophorus americanus</i>	American Burying Beetle	Onsite	E	Insect
AMC	Newport Chemical Activity	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Myotis sodalis</i>	Indiana Bat	Onsite	E	Mammal
AMC	Pine Bluff Arsenal	<i>Alligator mississippiensis</i>	American Alligator	Onsite	T(S/A)	Reptile
AMC	Ravenna AAP	<i>Aconitum noveboracense</i>	Northern Wild Monkshood	Contiguous	T	Plant
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Contiguous	T	Bird
AMC	Redstone Arsenal	<i>Alligator mississippiensis</i>	American Alligator	Onsite	T(S/A)	Reptile
		<i>Aplos priceana</i>	Price's Potato-bean	Onsite	T	Plant
		<i>Clematis morefieldii</i>	Morefield's Leather-flower	Contiguous	E	Plant
		<i>Falco peregrinus</i>	Peregrine Falcon	Onsite	E(S/A)	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Myotis grisescens</i>	Gray Bat	Onsite	E	Mammal
		<i>Myotis sodalis</i>	Indiana Bat	Contiguous	E	Mammal
		<i>Palaemonias alabamae</i>	Alabama Cave Shrimp	Onsite	E	Crustacean
AMC	Riverbank AAP	<i>Desmocerus californicus dimorphus</i>	Valley Elderberry Longhorn Beetle	Contiguous	T	Insect
AMC	Rock Island Arsenal	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Lampsilis higginsi</i>	Higgins Eye Pearl mussel	Contiguous	E	Clam
		<i>Myotis sodalis</i>	Indiana Bat	Contiguous	E	Mammal

MACOM	Installation	Scientific Name	Common Name	Onsite/ Contiguous	Fed Stat	Category
AMC	Rocky Mountain Arsenal	<i>Charadrius montanus</i>	Mountain Plover	Onsite	C	Bird
		<i>Falco peregrinus</i>	Peregrine Falcon	Onsite	E(S/A)	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Zapus hudsonius preblei</i>	Preble's Meadow Jumping Mouse	Contiguous	T	Mammal
AMC	Savanna Army Depot	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
	Activity	<i>Lampsilis higginsi</i>	Higgins Eye Pearlymussel	Onsite	E	Clam
AMC	Sierra Army Depot	<i>Falco peregrinus</i>	Peregrine Falcon	Contiguous	E(S/A)	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Contiguous	T	Bird
AMC	Sunflower AAP	<i>Falco peregrinus</i>	Peregrine Falcon	Contiguous	E(S/A)	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Contiguous	T	Bird
AMC	Tooele Army Depot	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Contiguous	T	Bird
AMC	Twin Cities AAP	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Contiguous	T	Bird
AMC	Volunteer AAP	<i>Scutellaria montana</i>	Large-flowered Skullcap	Onsite	E	Plant
AMC	White Sands Missile Range	<i>Charadrius melanotos</i>	Piping Plover	Contiguous	T	Bird
		<i>Charadrius montanus</i>	Mountain Plover	Contiguous	C	Bird
		<i>Empidonax traillii extimus</i>	Southwestern Willow Flycatcher	Contiguous	E	Bird
		<i>Falco femoralis septentrionalis</i>	Northern Aplomado Falcon	Onsite	E	Bird
		<i>Falco peregrinus</i>	Peregrine Falcon	Onsite	E(S/A)	Bird
		<i>Falco peregrinus anatum</i>	American Peregrine Falcon	Onsite	E	Bird
		<i>Grus americana</i>	Whooping Crane	Contiguous	E	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Hedeoma todsenii</i>	Todsen's Pennyroyal	Onsite	E	Plant
		<i>Mustela nigripes</i>	Black-footed Ferret	Contiguous	E	Mammal
AMC	Yuma Proving Ground	<i>Sterna antillarum</i>	Least Tern	Onsite	E	Bird
		<i>Strix occidentalis lucida</i>	Mexican Spotted Owl	Onsite	T	Bird
AMC	Yuma Proving Ground	<i>Gopherus agassizii</i>	Desert Tortoise (Sonoran Pop.)	Onsite	T(S/A)	Reptile
ARNG	Addicks Reservoir Weekend Training Site	<i>Hymenoxys texana</i>	Texas Prairie Dawn-flower	Onsite	E	Plant
ARNG	Barker Dam Weekend Training Site	<i>Hymenoxys texana</i>	Texas Prairie Dawn-flower	Onsite	E	Plant
ARNG	Camp Adair	<i>Sidalcea nelsoniana</i>	Nelson's Checker-mallow	Onsite	T	Plant
		<i>Strix occidentalis caurina</i>	Northern Spotted Owl	Contiguous	T	Bird
ARNG	Camp Ashland	<i>Falco peregrinus anatum</i>	American Peregrine Falcon	Contiguous	E	Bird
		<i>Grus americana</i>	Whooping Crane	Contiguous	E	Bird
		<i>Scaphirhynchus albus</i>	Pallid Sturgeon	Contiguous	E	Fish
		<i>Sterna antillarum</i>	Least Tern	Contiguous	E	Bird
		<i>Vulpes velox</i>	Swift Fox	Contiguous	C(w)	Mammal
ARNG	Camp Atterbury	<i>Myotis sodalis</i>	Indiana Bat	Onsite	E	Mammal
ARNG	Camp Barkeley	<i>Vireo atricapillus</i>	Black-capped Vireo	Onsite	E	Bird
ARNG	Camp Beauregard	<i>Picoides borealis</i>	Red-cockaded Woodpecker	Contiguous	E	Bird
ARNG	Camp Blanding	<i>Alligator mississippiensis</i>	American Alligator	Onsite	T(S/A)	Reptile
		<i>Aphelocoma coerulescens</i>	Florida Scrub-jay	Onsite	T	Bird
		<i>Drymarchon corais couperi</i>	Eastern Indigo Snake	Onsite	T	Reptile

MACOM	Installation	Scientific Name	Common Name	Onsite/ Contiguous	Fed Stat	Category
		<i>Felis concolor coryi</i>	Florida Panther	Contiguous	E	Mammal
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Mycteria americana</i>	Wood Stork	Onsite	E	Bird
		<i>Picoides borealis</i>	Red-cockaded Woodpecker	Onsite	E	Bird
		<i>Rhododendron chapmanii</i>	Chapman Rhododendron	Onsite	E	Plant
		<i>Ursus americanus floridanus</i>	Florida Black Bear	Onsite	C(w)	Mammal
ARNG	Camp Crowder	<i>Amblyopsis rosae</i>	Ozark Cavefish	Contiguous	T	Fish
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Myotis grisescens</i>	Gray Bat	Onsite	E	Mammal
ARNG	Camp Grafton	<i>Charadrius melanotos</i>	Piping Plover	Onsite	T	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Contiguous	T	Bird
ARNG	Camp Grayling	<i>Dendroica kirtlandii</i>	Kirtland's Warbler	Onsite	E	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Solidago houghtonii</i>	Houghton's Goldenrod	Onsite	T	Plant
ARNG	Camp Gruber	<i>Nicrophorus americanus</i>	American Burying Beetle	Onsite	E	Insect
ARNG	Camp Guernsey	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Contiguous	T	Bird
ARNG	Camp Joseph T. Robinson	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Contiguous	T	Bird
ARNG	Camp Murray	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
ARNG	Camp Navajo	<i>Falco peregrinus anatum</i>	American Peregrine Falcon	Onsite	E	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Strix occidentalis lucida</i>	Mexican Spotted Owl	Contiguous	T	Bird
ARNG	Camp Rilea	<i>Brachyramphus marmoratus</i>	Marbled Murrelet	Contiguous	T	Bird
		<i>marmoratus</i>				
		<i>Charadrius alexandrinus</i>	Western Snowy Plover	Contiguous	T	Bird
		<i>nivosus</i>				
		<i>Falco peregrinus</i>	Peregrine Falcon	Contiguous	E(S/A)	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Pelecanus occidentalis</i>	Brown Pelican	Contiguous	E	Bird
		<i>Speyeria zerene hippolyta</i>	Oregon Silverspot Butterfly	Onsite	T	Insect
		<i>Strix occidentalis caurina</i>	Northern Spotted Owl	Contiguous	T	Bird
ARNG	Camp Ripley	<i>Canis lupus</i>	Gray Wolf	Onsite	T	Mammal
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
ARNG	Camp Roberts TS	<i>Branchinecta lynchi</i>	Vernal Pool Fairy Shrimp	Onsite	T	Crustacean
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Vireo bellii pusillus</i>	Least Bell's Vireo	Contiguous	E	Bird
		<i>Vulpes macrotis macrotis</i>	San Joaquin Kit Fox	Onsite	E	Mammal
ARNG	Camp San Luis Obispo	<i>Cirsium fontinale</i>	Chorro Creek Bog Thistle	Onsite	E	Plant
		<i>var. obispoense</i>				
		<i>Onchorhynchus mykiss</i>	Steelhead	Onsite	T	Fish
		<i>Rana aurora draytonii</i>	California Red-legged Frog	Onsite	T	Amphibian
		<i>Vireo bellii pusillus</i>	Least Bell's Vireo	Onsite	E	Bird
ARNG	Camp Shelby	<i>Alligator mississippiensis</i>	American Alligator	Onsite	T(S/A)	Reptile
		<i>Gopherus polyphemus</i>	Gopher Tortoise	Onsite	T	Reptile
		<i>Isoetes louisianensis</i>	Louisiana Quillwort	Onsite	E	Plant
		<i>Picoides borealis</i>	Red-cockaded Woodpecker	Contiguous	E	Bird

MACOM	Installation	Scientific Name	Common Name	Onsite/ Contiguous	Fed Stat	Category
ARNG	Camp Smith	<i>Acipenser brevirostrum</i>	Shortnose Sturgeon	Contiguous	E	Fish
		<i>Falco peregrinus anatum</i>	American Peregrine Falcon	Contiguous	E	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Contiguous	T	Bird
ARNG	Camp Williams	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Contiguous	T	Bird
ARNG	Cedar City Armory	<i>Cynomys parvidens</i>	Utah Prairie Dog	Contiguous	T	Mammal
ARNG	Clark County Training Area	<i>Gopherus agassizii</i>	Desert Tortoise	Onsite	T	Reptile
ARNG	Fort Chaffee	<i>Nicrophorus americanus</i>	American Burying Beetle	Onsite	E	Insect
ARNG	Fort Pickett	<i>Rhus michauxii</i>	Michaux's Sumac	Onsite	E	Plant
ARNG	Fort Ruger	<i>Fulica americana alai</i>	Hawaiian Coot	Onsite	E	Bird
		<i>Gallinula chloropus sandvicensis</i>	Hawaiian Common Moorhen	Onsite	E	Bird
ARNG	Hastings Training Site	<i>Grus americana</i>	Whooping Crane	Contiguous	E	Bird
ARNG	Ike Skelton Training Site	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Sterna antillarum</i>	Least Tern	Onsite	E	Bird
ARNG	Kanaio Weekend Training Site	<i>Lasiurus cinereus semotus</i>	Hawaiian Hoary Bat	Onsite	E	Mammal
		<i>Sesbania tomentosa</i>	'Ohai	Onsite	E	Plant
ARNG	Keaukaha Military Reservation	<i>Lasiurus cinereus semotus</i>	Hawaiian Hoary Bat	Onsite	E	Mammal
ARNG	Leesburg TS	<i>Echinacea laevigata</i>	Smooth Coneflower	Onsite	E	Plant
		<i>Lysimachia asperulaefolia</i>	Rough-leaved Loosestrife	Contiguous	E	Plant
		<i>Picoides borealis</i>	Red-cockaded Woodpecker	Onsite	E	Bird
ARNG	Lil Aaron Straus Wilderness Area	<i>Ptilimnium nodosum</i>	Harperella	Onsite	E	Plant
ARNG	Macon Training Site	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Myotis sodalis</i>	Indiana Bat	Contiguous	E	Mammal
ARNG	New Hampshire National Guard Training Site	<i>Isotria medeoloides</i>	Small Whorled Pogonia	Contiguous	T	Plant
ARNG	St. George Armory	<i>Arctomecon humilis</i>	Dwarf Bear Poppy	Onsite	E	Plant
ARNG	State Military Reservation	<i>Lycaeides melissa samuelis</i>	Karner Blue Butterfly	Contiguous	E	Insect
ARNG	Stead Training Site	<i>Falco peregrinus anatum</i>	American Peregrine Falcon	Contiguous	E	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Contiguous	T	Bird
ARNG	Truman Training Site	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
ARNG	Tullahoma TS	<i>Helianthus eggertii</i>	Eggert's Sunflower	Onsite	T	Plant
		<i>Myotis grisescens</i>	Gray Bat	Contiguous	E	Mammal
ARNG	Ukumehame Firing Range	<i>Himantopus mexicanus knudseni</i>	Hawaiian Stilt	Onsite	E	Bird
ARNG	Wendall Ford Regional Training Center	<i>Myotis grisescens</i>	Gray Bat	Onsite	E	Mammal
ARNG	Wisconsin Military Academy	<i>Lycaeides melissa samuelis</i>	Karner Blue Butterfly	Contiguous	E	Insect
FORSCOM	Fort Bragg	<i>Lysimachia asperulaefolia</i>	Rough-leaved Loosestrife	Onsite	E	Plant
		<i>Neonympha mitchellii francisci</i>	Saint Francis' Satyr Butterfly	Onsite	E	Insect
		<i>Picoides borealis</i>	Red-cockaded Woodpecker	Onsite	E	Bird
		<i>Rhus michauxii</i>	Michaux's Sumac	Onsite	E	Plant

MACOM	Installation	Scientific Name	Common Name	Onsite/ Contiguous	Fed Stat	Category
		<i>Schwalbe americana</i>	American Chaffseed	Onsite	E	Plant
FORSCOM	Fort Campbell	<i>Aplos priceana</i>	Price's Potato Bean	Contiguous	T	Plant
		<i>Dromus dromas</i>	Dromedary Pearlymussel	Contiguous	E	Clam
		<i>Epioblasma florentina walkeri</i>	Tan Riffleshell	Contiguous	E	Clam
		<i>Falco peregrinus</i>	Peregrine Falcon	Onsite	E(S/A)	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Lampsilis abrupta</i>	Pink Mucket Pearlymussel	Contiguous	E	Clam
		<i>Myotis grisescens</i>	Gray Bat	Onsite	E	Mammal
		<i>Myotis sodalis</i>	Indiana Bat	Onsite	E	Mammal
		<i>Nerodia erythrogaster neglecta</i>	Copperbelly Water Snake	Contiguous	T	Reptile
		<i>Obovaria retusa</i>	Ring Pink Mussel	Contiguous	E	Clam
		<i>Plethobasus cooperianus</i>	Orangefoot Pimpleback Pearlymussel	Contiguous	E	Clam
		<i>Pleurobema plenum</i>	Rough Pigtoe	Contiguous	E	Clam
		<i>Quadrula fragosa</i>	Winged Mapleleaf Mussel	Contiguous	E	Clam
FORSCOM	Fort Carson	<i>Charadrius montanus</i>	Mountain Plover	Onsite	C	Bird
		<i>Etheostoma cragini</i>	Arkansas Darter	Onsite	C	Fish
		<i>Falco peregrinus anatum</i>	American Peregrine Falcon	Onsite	E	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Oncorhynchus clarki stomias</i>	Greenback Cutthroat Trout	Onsite	T	Fish
		<i>Spiranthes diluvialis</i>	Ute Ladies'-tresses	Contiguous	T	Plant
		<i>Strix occidentalis lucida</i>	Mexican Spotted Owl	Onsite	T	Bird
		<i>Zapus hudsonius preblei</i>	Preble's Meadow Jumping Mouse	Contiguous	T	Mammal
FORSCOM	Fort Hood	<i>Dendroica chrysoparia</i>	Golden-cheeked Warbler	Onsite	E	Bird
		<i>Falco peregrinus</i>	Peregrine Falcon	Contiguous	E(S/A)	Bird
		<i>Grus americana</i>	Whooping Crane	Contiguous	E	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Vireo atricapillus</i>	Black-capped Vireo	Onsite	E	Bird
FORSCOM	Fort Irwin	<i>Astragalus jaegerianus</i>	Lane Mountain Milk-vetch	Onsite	E	Plant
		<i>Gopherus agassizii</i>	Desert Tortoise	Onsite	T	Reptile
FORSCOM	Fort Lewis	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Howellia aquatilis</i>	Water Howellia	Onsite	T	Plant
		<i>Rana pretiosa</i>	Oregon Spotted Frog	Contiguous	C(w)	Amphibian
		<i>Strix occidentalis caurina</i>	Northern Spotted Owl	Contiguous	T	Bird
FORSCOM	Fort Polk	<i>Picoides borealis</i>	Red-cockaded Woodpecker	Onsite	E	Bird
FORSCOM	Fort Riley	<i>Charadrius melanotos</i>	Piping Plover	Onsite	T	Bird
		<i>Falco peregrinus</i>	Peregrine Falcon	Onsite	E(S/A)	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Notropis topeka</i>	Topeka Shiner	Onsite	C	Fish
		<i>Sterna antillarum</i>	Least Tern	Onsite	E	Bird
FORSCOM	Fort Stewart	<i>Acipenser brevirostrum</i>	Shortnose Sturgeon	Onsite	E	Fish
		<i>Drymarchon corais couperi</i>	Eastern Indigo Snake	Onsite	T	Reptile
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird

MACOM	Installation	Scientific Name	Common Name	Onsite/ Contiguous	Fed Stat	Category
		<i>Mycteria americana</i>	Wood Stork	Onsite	E	Bird
		<i>Picoides borealis</i>	Red-cockaded Woodpecker	Onsite	E	Bird
FORSCOM	Pinon Canyon Maneuver Site	<i>Charadrius montanus</i>	Mountain Plover	Onsite	C	Bird
		<i>Falco peregrinus anatum</i>	American Peregrine Falcon	Onsite	E	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Spiranthes diluvialis</i>	Ute Ladies'-tresses	Contiguous	T	Plant
		<i>Vulpes velox</i>	Swift Fox	Onsite	C(w)	Mammal
FORSCOM	Yakima TC	<i>Erigeron basalticus</i>	Basalt Daisy	Onsite	C	Plant
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
MDW	Fort A.P. Hill	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Helonias bullata</i>	Swamp Pink	Onsite	T	Plant
		<i>Isotria medeoloides</i>	Small Whorled Pogonia	Onsite	T	Plant
MDW	Fort Belvoir	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
MEDCOM	Fort Sam Houston	<i>Dendroica chrysoparia</i>	Golden-cheeked Warbler	Onsite	E	Bird
		<i>Vireo atricapillus</i>	Black-capped Vireo	Onsite	E	Bird
MTMC	Military Ocean Terminal - Bayonne	<i>Acipenser brevirostrum</i>	Shortnose Sturgeon	Contiguous	E	Fish
		<i>Caretta caretta</i>	Loggerhead Sea Turtle	Contiguous	T	Reptile
		<i>Chelonia mydas</i>	Green Sea Turtle	Contiguous	T	Reptile
		<i>Dermochelys coriacea</i>	Leatherback Sea Turtle	Contiguous	E	Reptile
		<i>Falco peregrinus anatum</i>	American Peregrine Falcon	Contiguous	E	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Contiguous	T	Bird
		<i>Lepidochelys kempii</i>	Kemp's Ridley Sea Turtle	Contiguous	E	Reptile
MTMC	Sunny Point	<i>Acipenser brevirostrum</i>	Shortnose Sturgeon	Contiguous	E	Fish
		<i>Alligator mississippiensis</i>	American Alligator	Onsite	T(S/A)	Reptile
		<i>Caretta caretta</i>	Loggerhead Sea Turtle	Contiguous	T	Reptile
		<i>Charadrius melanotos</i>	Piping Plover	Contiguous	T	Bird
		<i>Chelonia mydas</i>	Green Sea Turtle	Contiguous	T	Reptile
		<i>Dermochelys coriacea</i>	Leatherback Sea Turtle	Contiguous	E	Reptile
		<i>Falco peregrinus</i>	Peregrine Falcon	Contiguous	E(S/A)	Bird
		<i>Felis concolor</i>	Mountain Lion	Onsite	T(S/A)	Mammal
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Contiguous	T	Bird
		<i>Lepidochelys kempii</i>	Kemp's Ridley Sea Turtle	Contiguous	E	Reptile
		<i>Lysimachia asperulaefolia</i>	Rough-leaved Loosestrife	Onsite	E	Plant
		<i>Picoides borealis</i>	Red-cockaded Woodpecker	Onsite	E	Bird
		<i>Thalictrum cooleyi</i>	Cooley's Meadowrue	Contiguous	E	Plant
TRADOC	Fort Benning	<i>Trichechus manatus</i>	West Indian Manatee	Contiguous	E	Mammal
		<i>Alligator mississippiensis</i>	American Alligator	Onsite	T(S/A)	Reptile
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Mycteria americana</i>	Wood Stork	Onsite	E	Bird
		<i>Picoides borealis</i>	Red-cockaded Woodpecker	Onsite	E	Bird
TRADOC	Fort Bliss	<i>Trillium reliquum</i>	Relict Trillium	Onsite	E	Plant
		<i>Coryphantha sneedii</i> var. <i>sneedii</i>	Sneed Pincushion Cactus	Onsite	E	Plant
		<i>Falco femoralis</i> <i>septentrionalis</i>	Northern Applomado Falcon	Contiguous	E	Bird

MACOM	Installation	Scientific Name	Common Name	Onsite/ Contiguous	Fed Stat	Category
		<i>Falco peregrinus anatum</i>	American Peregrine Falcon	Onsite	E	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
TRADOC	Fort Eustis	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
TRADOC	Fort Gordon	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Mycteria americana</i>	Wood Stork	Onsite	E	Bird
		<i>Picoides borealis</i>	Red-cockaded Woodpecker	Onsite	E	Bird
TRADOC	Fort Huachuca	<i>Ambystoma tigrinum stebbinsi</i>	Sonoran Tiger Salamander	Onsite	E	Amphibian
		<i>Empidonax traillii extimus</i>	Southwestern Willow Flycatcher	Contiguous	E	Bird
		<i>Erigeron lemmonii</i>	Lemmon Fleabane	Onsite	C	Plant
		<i>Falco peregrinus anatum</i>	American Peregrine Falcon	Onsite	E	Bird
		<i>Leptonycteris curasoae yerbabuenae</i>	Lesser Long-nosed Bat	Onsite	E	Mammal
		<i>Lilaeopsis schaffneriana ssp.curvula</i>	Huachuca Water-umbel	Onsite	E	Plant
		<i>Pyrgulopsis thompsoni</i>	Huachuca Springsnail	Onsite	C	Snail
		<i>Rumex orthoneurus</i>	Blumer's Dock	Onsite	C	Plant
		<i>Spiranthes delitescens</i>	Canelo Hills Ladies'-tresses	Contiguous	E	Plant
		<i>Strix occidentalis lucida</i>	Mexican Spotted Owl	Onsite	T	Bird
TRADOC	Fort Jackson	<i>Alligator mississippiensis</i>	American Alligator	Onsite	T(S/A)	Reptile
		<i>Echinacea laevigata</i>	Smooth Coneflower	Onsite	E	Plant
		<i>Lysimachia asperulaefolia</i>	Rough-leaved Loosestrife	Onsite	E	Plant
		<i>Picoides borealis</i>	Red-cockaded Woodpecker	Onsite	E	Bird
TRADOC	Fort Knox	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Myotis grisescens</i>	Gray Bat	Onsite	E	Mammal
		<i>Myotis sodalis</i>	Indiana Bat	Onsite	E	Mammal
TRADOC	Fort Leavenworth	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
TRADOC	Fort Lee	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
TRADOC	Fort Leonard Wood	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Myotis grisescens</i>	Gray Bat	Onsite	E	Mammal
		<i>Myotis sodalis</i>	Indiana Bat	Onsite	E	Mammal
TRADOC	Fort McClellan	<i>Cyprinella caerulea</i>	Blue Shiner	Contiguous	T	Fish
		<i>Marshallia mohrii</i>	Mohr's Barbara's Buttons	Onsite	T	Plant
		<i>Myotis grisescens</i>	Gray Bat	Contiguous	E	Mammal
		<i>Picoides borealis</i>	Red-cockaded Woodpecker	Contiguous	E	Bird
		<i>Xyris tennesseensis</i>	Tennessee Yellow-eyed Grass	Onsite	E	Plant
TRADOC	Fort Rucker	<i>Alligator mississippiensis</i>	American Alligator	Onsite	T(S/A)	Reptile
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Contiguous	T	Bird
		<i>Myotis grisescens</i>	Gray Bat	Contiguous	E	Mammal
TRADOC	Fort Sill	<i>Vireo atricapillus</i>	Black-capped Vireo	Onsite	E	Bird
TRADOC	POM Annex	<i>Chorizanthe pungens</i> var. <i>pungens</i>	Monterey Spineflower	Onsite	T	Plant
		<i>Piperia yadonii</i>	Yadon's Piperia	Onsite	E	Plant
USARC	Chas E. Kelly (Oakdale SPT FAC)	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Contiguous	T	Bird

MACOM	Installation	Scientific Name	Common Name	Onsite/ Contiguous	Fed Stat	Category
USARC	Devens RFTA	<i>Falco peregrinus</i>	Peregrine Falcon	Contiguous	E(S/A)	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Contiguous	T	Bird
USARC	Fort Hunter Liggett	<i>Ambystoma californiense</i>	California Tiger Salamander	Onsite	C(w)	Amphibian
		<i>Branchinecta lynchi</i>	Vernal Pool Fairy Shrimp	Onsite	T	Crustacean
		<i>Bufo microscaphus californicus</i>	Arroyo Southwestern Toad	Onsite	E	Amphibian
		<i>Chlorogalum purpureum</i> var. <i>purpureum</i>	Purple Amole	Onsite	C	Plant
		<i>Falco peregrinus anatum</i>	American Peregrine Falcon	Contiguous	E	Bird
		<i>Gymnogyps californianus</i>	California Condor	Contiguous	E	Bird
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Rana aurora draytoni</i>	California Red-legged Frog	Contiguous	T	Amphibian
		<i>Vireo bellii pusillus</i>	Least Bell's Vireo	Contiguous	E	Bird
		<i>Vulpes macrotis mutica</i>	San Joaquin Kit Fox	Onsite	E	Mammal
USARC	Fort McCoy	<i>Canis lupus</i>	Gray Wolf	Contiguous	E	Mammal
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird
		<i>Lycaeides melissa samuelis</i>	Karner Blue Butterfly	Onsite	E	Insect
		<i>Vireo bellii pusillus</i>	Least Bell's Vireo	Onsite	E	Bird
USARC	Parks RFTA	<i>Rana aurora draytoni</i>	California Red-legged Frog	Onsite	T	Amphibian
USARC	Perrine Reserve Center	<i>Chamaesyce deltoidea</i> ssp. <i>deltoides</i>	Deltoid Spurge	Onsite	E	Plant
USARPAC	Dillingham Military Reservation	<i>Anas wyvilliana</i>	Hawaiian Duck	Contiguous	E	Bird
		<i>Cyperus trachysanthos</i>	Pu`uka`a	Contiguous	E	Plant
		<i>Fulica americana alai</i>	Hawaiian Coot	Contiguous	E	Bird
		<i>Gallinula chloropus</i> <i>sandvicensis</i>	Hawaiian Common Moorhen	Contiguous	E	Bird
		<i>Hibiscus brackenridgei</i>	Ma`o Hau Hele	Contiguous	E	Plant
		<i>Himantopus mexicanus</i> <i>knudseni</i>	Hawaiian Stilt	Contiguous	E	Bird
		<i>Nototrichium humile</i>	Kulu`i	Onsite	E	Plant
		<i>Schiedea kealiae</i>	Ma`oli`oli	Onsite	E	Plant
USARPAC	Fort Greely	<i>Falco peregrinus anatum</i>	American Peregrine Falcon	Contiguous	E	Bird
USARPAC	Fort Richardson	<i>Falco peregrinus anatum</i>	American Peregrine Falcon	Contiguous	E	Bird
USARPAC	Fort Wainwright	<i>Falco peregrinus anatum</i>	American Peregrine Falcon	Contiguous	E	Bird
USARPAC	Kahuku TA	<i>Achatinella sowerbyana</i>	Pupu Kuahiwi	Onsite	E	Snail
		<i>Chamaesyce rockii</i>	`Akoko	Onsite	E	Plant
		<i>Chasiempis sandwichensis</i> <i>ibidis</i>	Oahu Elepaio	Onsite	C	Bird
		<i>Cyanea koolauensis</i>	Haha	Onsite	E	Plant
		<i>Eugenia koolauensis</i>	Nioi	Onsite	E	Plant
		<i>Gardenia manii</i>	Nanu	Onsite	E	Plant
		<i>Hesperomannia arborescens</i>	None	Onsite	E	Plant
		<i>Phyllostegia hirsuta</i>	None	Onsite	E	Plant
		<i>Tetraplasandra gymnocalycia</i>	`Ohe`ohe	Onsite	E	Plant

MACOM	Installation	Scientific Name	Common Name	Onsite/ Contiguous	Fed Stat	Category
USARPAC	Kawaihoa TA	<i>Achatinella apexfulva</i>	Pupu Kuahiwi	Onsite	E	Snail
		<i>Achatinella byronii</i>	Pupu Kuahiwi	Onsite	E	Snail
		<i>Achatinella curta</i>	Pupu Kuahiwi	Onsite	E	Snail
		<i>Achatinella decipiens</i>	Pupu Kuahiwi	Onsite	E	Snail
		<i>Achatinella leucoraphe</i>	Pupu Kuahiwi	Onsite	E	Snail
		<i>Achatinella lila</i>	Pupu Kuahiwi	Onsite	E	Snail
		<i>Achatinella livida</i>	Pupu Kuahiwi	Onsite	E	Snail
		<i>Achatinella pulcherrima</i>	Pupu Kuahiwi	Onsite	E	Snail
		<i>Achatinella sowerbyana</i>	Pupu Kuahiwi	Onsite	E	Snail
		<i>Chamaesyce rockii</i>	`Akoko	Onsite	E	Plant
		<i>Cyanea acuminata</i>	Haha	Onsite	E	Plant
		<i>Cyanea crispa</i>	None	Onsite	E	Plant
		<i>Cyanea koolauensis</i>	Haha	Onsite	E	Plant
		<i>Cyanea st-johnii</i>	Haha	Contiguous	E	Plant
		<i>Cyrtandra dentata</i>	Ha`iwale	Onsite	E	Plant
		<i>Cyrtandra viridiflora</i>	Ha`iwale	Onsite	E	Plant
		<i>Gardenia mannii</i>	Nanu	Onsite	E	Plant
		<i>Hesperomannia arborescens</i>	None	Onsite	E	Plant
		<i>Lobelia gaudichaudii</i> ssp. koolauensis	None	Onsite	E	Plant
		<i>Melicope lydgatei</i>	Alani	Onsite	E	Plant
		<i>Myrsine juddii</i>	Kolea	Onsite	E	Plant
		<i>Paroreomyza maculata</i>	Oahu Creeper	Onsite	E	Bird
		<i>Phlegmariurus nutans</i>	Wawae`iole	Onsite	E	Plant
		<i>Phyllostegia hirsuta</i>	None	Onsite	E	Plant
		<i>Pteris lidgatei</i>	None	Onsite	E	Plant
		<i>Sanicula purpurea</i>	None	Onsite	E	Plant
		<i>Tetraplasandra gymnocarpa</i>	`Ohe`ohe	Onsite	E	Plant
		<i>Viola oahuensis</i>	None	Onsite	E	Plant
USARPAC	Makua Military Reservation	<i>Achatinella mustelina</i>	Pupu Kuahiwi	Onsite	E	Snail
		<i>Alectryon macrococcus</i>	Mahoe	Onsite	E	Plant
		<i>Alsinidendron obovatum</i>	None	Onsite	E	Plant
		<i>Bonamia menziesii</i>	None	Onsite	E	Plant
		<i>Caesalpinia kavaiense</i>	Uhiuhi	Contiguous	E	Plant
		<i>Cenchrus agrimonoides</i>	Kamanomano	Onsite	E	Plant
		<i>Chasiempis sandwichensis</i> ibidus	Oahu Elepaio	Onsite	C	Bird
		<i>Ctenitis squamigera</i>	Pauoa	Onsite	E	Plant
		<i>Cyanea superba</i>	Haha	Onsite	E	Plant
		<i>Cyrtandra dentata</i>	Ha`iwale	Onsite	E	Plant
		<i>Delissea subcordata</i>	`Oha	Contiguous	E	Plant
		<i>Diellia falcata</i>	None	Onsite	E	Plant
		<i>Dubautia herbstobatae</i>	Na`ena`e	Onsite	E	Plant
		<i>Euphorbia haeeleleana</i>	`Akoko	Onsite	E	Plant
		<i>Flueggea neowawraea</i>	Mehamehame	Onsite	E	Plant

MACOM	Installation	Scientific Name	Common Name	Onsite/ Contiguous	Fed Stat	Category
USARPAC	Pohakuloa TA	<i>Hedyotis parvula</i>	None	Onsite	E	Plant
		<i>Lasiurus cinereus semotus</i>	Hawaiian Hoary Bat	Onsite	E	Mammal
		<i>Lepidium arbuscula</i>	‘Anaunau	Onsite	E	Plant
		<i>Lipochaeta tenuifolia</i>	Nehe	Onsite	E	Plant
		<i>Lobelia niihauensis</i>	None	Onsite	E	Plant
		<i>Lobelia oahuensis</i>	None	Onsite	E	Plant
		<i>Neraudia angulata</i> var <i>angulata</i>	Ma’aloa	Onsite	E	Plant
		<i>Neraudia angulata</i> var <i>dentata</i>	Ma’aloa	Onsite	E	Plant
		<i>Nototrichium humile</i>	Kulu`i	Onsite	E	Plant
		<i>Paroreomyza maculata</i>	Oahu Creeper	Onsite	E	Bird
		<i>Plantago princeps</i> var <i>princeps</i>	Laukahia kuahiwi	Onsite	E	Plant
		<i>Pritchardia kaalae</i>	Loulu	Onsite	E	Plant
		<i>Sanicula mariversa</i>	None	Onsite	E	Plant
		<i>Schiedea hookeri</i>	None	Onsite	E	Plant
		<i>Schiedea nuttallii</i>	None	Onsite	E	Plant
		<i>Silene lanceolata</i>	None	Onsite	E	Plant
		<i>Spermolepis hawaiiensis</i>	None	Onsite	E	Plant
		<i>Tetramolopium filiforme</i>	None	Onsite	E	Plant
		<i>Viola chamissoniana</i> ssp. <i>chamissoniana</i>	Pamakani	Onsite	E	Plant
		<i>Asplenium fragile</i> var. <i>insulare</i>	None	Onsite	E	Plant
		<i>Buteo solitarius</i>	Hawaiian Hawk	Onsite	E	Bird
		<i>Corvus hawaiiensis</i>	Hawaiian Crow	Contiguous	E	Bird
		<i>Haplostachys haplostachya</i>	None	Onsite	E	Plant
		<i>Hedyotis coriacea</i>	Kio`ele	Onsite	E	Plant
		<i>Hemignathus munroi</i>	‘Akiapola`au	Onsite	E	Bird
		<i>Lasiurus cinereus semotus</i>	Hawaiian Hoary Bat	Onsite	E	Mammal
		<i>Loxioides bailleui</i>	Palila (Honeycreeper)	Onsite	E	Bird
		<i>Loxops coccineus coccineus</i>	Hawaii `Akepa (Honeycreeper)	Contiguous	E	Bird
		<i>Neraudia ovata</i>	None	Onsite	E	Plant
		<i>Nesochen sandvicensis</i>	Hawaiian Goose	Onsite	E	Bird
		<i>Oreomystis mana</i>	Hawaii Creeper	Contiguous	E	Bird
		<i>Portulaca sclerocarpa</i>	Po`e	Onsite	E	Plant
		<i>Psittirostra psittacea</i>	‘O`u	Contiguous	E	Bird
		<i>Pterodroma phaeopygia sandwichensis</i>	Hawaiian Dark-rumped Petrel	Contiguous	E	Bird
		<i>Silene hawaiiensis</i>	None	Onsite	T	Plant
		<i>Silene lanceolata</i>	None	Onsite	E	Plant
		<i>Solanum incompletum</i>	Popolo Ku Mai	Onsite	E	Plant
		<i>Spermolepis hawaiiensis</i>	None	Onsite	E	Plant
		<i>Stenogyne angustifolia</i>	None	Onsite	E	Plant
		<i>Tetramolopium arenarium</i>	None	Onsite	E	Plant
		<i>Zanthoxylum hawaiiense</i>	A`e	Onsite	E	Plant

MACOM	Installation	Scientific Name	Common Name	Onsite/ Contiguous	Fed Stat	Category
USARPAC	Schofield Barracks Military Reservation	<i>Abutilon sandwicense</i>	None	Contiguous	E	Plant
		<i>Achatinella byronii</i>	Pupu Kuahiwi	Onsite	E	Snail
		<i>Achatinella decipiens</i>	Pupu Kuahiwi	Onsite	E	Snail
		<i>Achatinella leucoraphe</i>	Pupu Kuahiwi	Onsite	E	Snail
		<i>Achatinella mustelina</i>	Pupu Kuahiwi	Onsite	E	Snail
		<i>Achatinella sowerbyana</i>	Pupu Kuahiwi	Onsite	E	Snail
		<i>Alectryon macrococcus</i>	Mahoe	Onsite	E	Plant
		<i>Alsinidendron trinerve</i>	None	Onsite	E	Plant
		<i>Chamaesyce rockii</i>	`Akoko	Onsite	E	Plant
		<i>Chasiempis sandwichensis</i>	Oahu Elepaio	Onsite	C	Bird
		<i>ibidus</i>				
		<i>Cyanea acuminata</i>	Haha	Onsite	E	Plant
		<i>Cyanea grimesiana</i> ssp. grimesiana	Haha	Onsite	E	Plant
		<i>Cyanea koolauensis</i>	Haha	Onsite	E	Plant
		<i>Cyrtandra subumbellata</i>	Ha`iwale	Onsite	E	Plant
		<i>Dielia falcata</i>	None	Onsite	E	Plant
		<i>Flueggea neowawraea</i>	Mehamehame	Onsite	E	Plant
		<i>Gardenia mannii</i>	Nanu	Onsite	E	Plant
		<i>Hesperomannia arborescens</i>	None	Onsite	E	Plant
		<i>Isodendron laurifolium</i>	Aupaka	Onsite	E	Plant
		<i>Labordia cyrtandrae</i>	Kamakahala	Onsite	E	Plant
		<i>Lepidium arbuscula</i>	`Anaunau	Onsite	E	Plant
		<i>Lobelia gaudichaudii</i> ssp. koolauensis	None	Onsite	E	Plant
		<i>Lobelia niihauensis</i>	None	Onsite	E	Plant
		<i>Lobelia ohauensis</i>	None	Onsite	E	Plant
		<i>Neraudia angulata</i> var angu- lata	Ma'aloa	Contiguous	E	Plant
		<i>Neraudia angulata</i> var. den- tata	Ma'aloa	Contiguous	E	Plant
		<i>Nototrichium humile</i>	Kulu'i	Contiguous	E	Plant
		<i>Phyllostegia hirsuta</i>	None	Onsite	E	Plant
		<i>Phyllostegia kaalaensis</i>	None	Contiguous	E	Plant
		<i>Phyllostegia mollis</i>	None	Onsite	E	Plant
		<i>Plantago princeps</i> var <i>princeps</i>	Laukahi kuahiwi	Onsite	E	Plant
		<i>Pritchardia kaalae</i>	Loulu	Onsite	E	Plant
		<i>Pteris liggatei</i>	None	Onsite	E	Plant
		<i>Sanicula purpurea</i>	None	Onsite	E	Plant
		<i>Schiedea hookeri</i>	None	Contiguous	E	Plant
		<i>Tetraplasandra gymnocarpa</i>	`Ohe`ohe	Onsite	E	Plant
		<i>Urera kaalae</i>	Opuhe	Onsite	E	Plant
		<i>Viola chamissoniana</i> ssp. chamissoniana	Pamakani	Onsite	E	Plant
		<i>Viola ohauensis</i>	None	Onsite	E	Plant

MACOM	Installation	Scientific Name	Common Name	Onsite/ Contiguous	Fed	Category
					Stat	
USARPAC	Tripler Army Medical Center	<i>Megalagrion xanthomelas</i>	Orangeblack Hawaiian Damselfly	Onsite	C	Insect
USARSO	Fort Buchanan	<i>Epicrates inornatus</i>	Puerto Rican Boa	Onsite	E	Reptile
		<i>Ottoschulzia rhodoxylon</i>	Palo de Rosa	Onsite	E	Plant
USMA	West Point Military Reservation	<i>Acipenser brevirostrum</i>	Shortnose Sturgeon	Onsite	E	Fish
		<i>Haliaeetus leucocephalus</i>	Bald Eagle	Onsite	T	Bird

Appendix B: Point-of-contact, ESMP Status, and PLS Status for Each Installation

Installation	MACOM	State	POC	POC Phone	FFID	ESMP	TES PLS
Aberdeen Proving Ground	AMC	MD	Jim Pottie	(410) 436-4841	MD213821355	Current & Approved	Complete
Adelphi Army Research Labs	AMC	MD	Robert Wardwell	(301) 394-1061	MD213822762	Current & Approved	Complete
Anniston Army Depot	AMC	AL	Williams Burns	(205) 235-4217	AL213820027	Current & Approved	Complete
ARDEC (Picatinny)	AMC	NJ	Jon Vandeventer	(973) 724-4691	NJ213820704	Partially Complete <60%	Partially Complete >=85%
Blue Grass Army Depot	AMC	KY	Billye Haslett	(606) 625-6328	KY213820105	Partially Complete <60%	Complete
Desert Chemical Depot	AMC	UT	Richard Trujillo	(435) 833-4434	UT213820265	Not Required	Partially Complete <50%
Dugway Proving Ground	AMC	UT	Scott Bates	(801) 831-3576	UT213820283	Not Required	Not Required
Holston AAP	AMC	TN	Pam Wigle	(423) 578-6322	TN213820421	Partially Complete <60%	Partially Complete >=50% <85%
Indiana AAP	AMC	IN	Walt McClellan	(812) 284-7616	IN213820443	Partially Complete <60%	Complete
Iowa AAP	AMC	IA	Joe Haffner	(319) 753-7903	IA213820445	Partially Complete <60%	Complete
Jefferson Proving Ground	AMC	IN	Ken Knouf	(812) 273-2551	IN213820454	Partially Complete <60%	Partially Complete <50%
Letterkenny Army Depot	AMC	PA	Randall Quinn	(717) 267-8438	PA213820503	Partially Complete <60%	Partially Complete <50%
Longhorn AAP	AMC	TX	Phil Hagerty	(318) 459-5479	Not Required	Not Required	Not Required
Louisiana AAP	AMC	LA	Phil Hagerty	(318) 459-5479	Not Required	Not Required	Not Required
McAlester AAP	AMC	OK	Bill Starn	(918) 421-2611	OK213822951	Current & Approved	Complete
Newport Chemical Activity	AMC	IN	Philip Cox	(765) 245-4324	IN213822272	Partially Complete <60%	Complete
Pine Bluff Arsenal	AMC	AR	Charles Becker	(870) 540-2834	AR213820707	Not Required	Complete
Ravenna AAP	AMC	OH	Tim Morgan	(330) 358-7311	OH213820736	Not Required	Not Required
Redstone Arsenal	AMC	AL	Danny Dunn	(205) 955-6970	AL213820742	Partially Complete >=60%	Complete
Riverbank AAP	AMC	CA	Jim Gansel	(209) 869-7239	CA213820759	Not Required	Not Required
Rock Island Arsenal	AMC	IL	Rich Todd	(309) 782-2045	IL213821833	Current & Approved	Complete
Rocky Mountain Arsenal	AMC	CO	Brian Anderson	(303) 289-0248	CO213820769	Not Required	Not Required
Savanna Army Depot Activity	AMC	IL	Bob Speaker	(815) 273-8533	IL213820803	Current & Approved	Partially Complete >=50% <85%
Sierra Army Depot	AMC	CA	James Ryan	(530) 827-4725	CA213820843	Not Required	Partially Complete <50%
Sunflower AAP	AMC	KS	Scott Smith	(913) 583-3000	KS213820878	Not Required	Not Required
Tooele Army Depot	AMC	UT	Mason Walker	(801) 833-3733	UT213820894	Not Required	Partially Complete <50%

Installation	MACOM	State	POC	POC Phone	FFID	ESMP	TES PLS
Twin Cities AAP	AMC	MN	Douglas Rhead	(608) 943-3361	MN2113820908	Not Required	Not Required
Volunteer AAP	AMC	TN	Jim Frye	(423) 855-7100	TN2113820933	Current & Approved	Complete
White Sands Missile Range	AMC	NM	Daisan Taylor	(505) 678-6140	NM2113820960	Partially Complete <60%	Partially Complete <50%
Yuma Proving Ground	AMC	AZ	Junior Kerns	(520) 328-2148	AZ2113820991	Not Required	Complete
Addicks Reservoir Weekend	ARNG	TX	Paul Powell	(512) 465-5001	TX211848J97	Not Required	Complete
Training Site							
Barker Dam Weekend Training Site	ARNG	TX	Paul Powell	(512) 465-5001	TX211848E05	Not Required	Complete
Camp Adair	ARNG	OR	Greg Mitchell	(503) 945-3851	OR211841455	Partially Complete <60%	Complete
Camp Ashland	ARNG	NE	Dave Wunibald	(402) 471-7136	NE211831475	Not Required	Not Required
Camp Atterbury	ARNG	IN	Richard Jones	(317) 247-3105	IN211818055	Partially Complete >=60%	Partially Complete >=85%
Camp Barkley	ARNG	TX	Paul Powell	(512) 465-6035	TX211848A05	Partially Complete >=60%	Complete
Camp Beauregard	ARNG	LA	Carl Thompson	(318) 641-3404	LA211822C50	Not Required	Complete
Camp Blanding	ARNG	FL	Mike Adams	(904) 823-7275	FL211812156	Partially Complete >=60%	Complete
Camp Crowder	ARNG	MO	Alan Leary	(573) 526-9484	MO211829155	Partially Complete <60%	Complete
Camp Grafton	ARNG	ND	Gary Yantzer	(701) 224-5287	ND211838A45	Partially Complete >=60%	Partially Complete >=85%
Camp Grayling	ARNG	MI	John Hunt	(517) 348-3800	MI211826B15	Current & Approved	Complete
Camp Gruber	ARNG	OK	Nancy Davis	(918) 487-6223	OK211840580	Current & Approved	Complete
Camp Guernsey	ARNG	WY	David Palmer	(307) 772-5285	WY211856A55	Not Required	Partially Complete <50%
Camp Joseph T. Robinson	ARNG	AR	Shannon Stone	(501) 212-5570	AR211805C55	Not Required	Partially Complete >=50% <85%
Camp Murray	ARNG	WA	Ted Arnold	(253) 512-8466	WA211853B70	Not Required	Not Required
Camp Navajo	ARNG	AZ	Don Hack	(520) 773-3274	AZ211804A10	Current & Approved	Partially Complete >=85%
Camp Rilea	ARNG	OR	Greg Mitchell	(503) 945-3851	OR211841C30	Partially Complete <60%	Complete
Camp Ripley	ARNG	MN	Mary Skoglund	(320) 632-7201	MN211827B40	Not Initiated	Complete
Camp Roberts TS	ARNG	CA	Doug Bryeson	(916) 854-3456	CA211806B75	Not Required	Complete
Camp San Luis Obispo	ARNG	CA	Doug Bryeson	(916) 854-3456	CA211806F35	Not Required	Complete
Camp Shelby	ARNG	MS	Robert Fiazza	(601) 313-6109	MS211828C10	Partially Complete >=60%	Complete
Camp Smith	ARNG	NY	Mark Warnecke	(518) 786-4318	NY211836D35	Not Required	Complete

Installation	MACOM	State	POC	POC Phone	FFID	ESMP	TES PLS
Camp Williams	ARNG	UT	Robert Dunton	(801) 253-5657	UT211849A60	Partially Complete >=60%	Complete
Cedar City Armory	ARNG	UT	Douglas Johnson	(801) 253-5658	UT211849030	Current & Approved	Complete
Clark County Training Area	ARNG	NV	Doyle Hanks	(702) 887-7379	NV211832A65	Not Required	Complete
Fort Chaffee	ARNG	AR	Don Fairley	(501) 484-2226	AR211805401	Current & Approved	Complete
Fort Pickett	ARNG	VA	Bob Wheeler	(804) 292-8501	VA211851A30	Partially Complete >=60%	Partially Complete >=85%
Fort Ruger	ARNG	HI	Melissa Dumaran	(808) 733-4267	HI211815A20	Current & Approved	Complete
Hastings Training Site	ARNG	NE	Dave Wunibald	(402) 471-7136	NE211831A80	Not Required	Not Required
Ike Skelton Training Site	ARNG	MO	Alan Leary	(573) 526-9484	MO211828B16	Partially Complete <60%	Complete
Kanalo Weekend Training Site	ARNG	HI	Melissa Dumaran	(808) 733-4267	HI211815A85	Current & Approved	Complete
Keauhaha Military Reservation	ARNG	HI	Melissa Dumaran	(808) 733-4267	HI211815A10	Current & Approved	Complete
Leesburg TS	ARNG	SC	Renee Flinchum-Bowles	(803) 806-2237	SC211845C70	Partially Complete >=60%	Partially Complete <50%
Lil Aaron Straus Wilderness Area	ARNG	MD	Chris Cole	(410) 576-6132	MD211824B33	Partially Complete <60%	Complete
Macon Training Site	ARNG	MO	Alan Leary	(573) 526-9484	MO211828B78	Partially Complete <60%	Complete
New Hampshire National Guard Training Site	ARNG	NH	Zachary Boyajian	(603) 228-1135	NH211833A12	Not Required	Complete
St. George Armory	ARNG	UT	Douglas Johnson	(801) 253-5658	UT211849110	Current & Approved	Complete
State Military Reservation	ARNG	NH	Zachary Boyajian	(603) 228-1135	NH211833A15	Not Required	Complete
Stead Training Site	ARNG	NV	Doyle Hanks	(702) 887-7379	NV211832A75	Not Required	Complete
Truman Training Site	ARNG	MO	Alan Leary	(573) 526-9484	MO211829A57	Partially Complete <60%	Complete
Tullahoma TS	ARNG	TN	Carson Chessor	(615) 313-2624	TN211847D85	Not Required	Complete
Ukumehame Firing Range	ARNG	HI	Melissa Dumaran	(808) 733-4267	HI211815A67	Partially Complete <60%	Complete
Wendall Ford Regional Training Center	ARNG	KY	Johanna Arnold	(502) 564-9230	KY211821A95	Not Required	Complete
Wisconsin Military Academy	ARNG	WI	Jon Jacobson	(608) 242-3356	WI211855320	Not Required	Complete
Fort Bragg	FORSCOM	NC	Scott Bebb	(910) 432-5325	NC214020121	Current & Approved	Complete
Fort Campbell	FORSCOM	KY	Jeff Jones	(502) 798-9824	KY214020140	Not Initiated	Complete
Fort Carson	FORSCOM	CO	Richard Bunn	(719) 576-8075	CO214020150	Partially Complete >=60%	Complete

Installation	MACOM	State	POC	POC Phone	FFID	ESMP	TES PLS
Fort Hood	FORSCOM	TX	John Cornelius	(254) 287-1088	TX214020424	Partially Complete >=60%	Complete
Fort Irwin	FORSCOM	CA	Mickey Quillman	(760) 380-3740	CA214020446	Partially Complete >=60%	Complete
Fort Lewis	FORSCOM	WA	Ken Cadwell	(253) 966-1764	WA214020506	Partially Complete >=60%	Complete
Fort Polk	FORSCOM	LA	Stephanie Stephens	(318) 531-6130	LA214020716	Partially Complete >=60%	Complete
Fort Riley	FORSCOM	KS	Dave Jones	(785) 289-6211	KS214020756	Current & Approved	Complete
Fort Stewart	FORSCOM	GA	Timothy Beaty	(912) 737-7261	GA214020372	Partially Complete >=60%	Complete
Pinon Canyon Maneuver Site	FORSCOM	CO	Richard Bunn	(719) 576-8075	CO214023010	Partially Complete >=60%	Complete
Yakima TC	FORSCOM	WA	Margaret Pounds	(509) 577-3151	WA214020989	Current & Approved	Complete
Fort A.P. Hill	MDW	VA	Terry Banks	(804) 633-8255	VA210220416	Partially Complete <60%	Partially Complete <50%
Fort Belvoir	MDW	VA	Dorothy Keough	(703) 806-0049	VA210220082	Partially Complete >=60%	Complete
Fort Sam Houston	MEDCOM	TX	John Brenneman	(210) 221-4842	TX211620429	Partially Complete <60%	Partially Complete >=85%
Military Ocean Terminal - Bayonne	MTMC	NJ	Carl Appelquist	(201) 823-5505	NJ213522752	Partially Complete <60%	Complete
Sunny Point	MTMC	NC	Tony Gaw	(910) 457-8429	NC213521386	Partially Complete >=60%	Complete
Fort Benning	TRADOC	GA	Pete Swiderek	(706) 545-7077	GA213721018	Partially Complete <60%	Partially Complete <50%
Fort Bliss	TRADOC	TX	Brian Lock	(915) 568-3016	TX213720101	Partially Complete >=60%	Partially Complete >=85%
Fort Eustis	TRADOC	VA	Stephen McCall	(757) 878-4123	VA213720321	Partially Complete >=60%	Complete
Fort Gordon	TRADOC	GA	Stephen Willard	(706) 791-2403	GA213720388	Partially Complete >=60%	Complete
Fort Huachuca	TRADOC	AZ	Jim Hessil	(520) 533-7084	AZ213720434	Not Initiated	Partially Complete >=50% <85%
Fort Jackson	TRADOC	SC	Doug Morrow	(803) 751-4793	SC213720449	Partially Complete >=60%	Complete
Fort Knox	TRADOC	KY	Albert Freeland	(502) 624-3629	KY213720479	Current & Approved	Complete
Fort Leavenworth	TRADOC	KS	Matthew Nowak	(913) 684-2749	KS213720499	Partially Complete <60%	Complete
Fort Lee	TRADOC	VA	William Vaughan	(804) 734-5061	VA213720502	Current & Approved	Complete
Fort Leonard Wood	TRADOC	MO	Scott Murrell	(573) 596-0882	MO213720979	Partially Complete <60%	Complete
Fort McClellan	TRADOC	AL	Luke Owen	(205) 848-5663	AL213720562	Partially Complete >=60%	Complete
Fort Rucker	TRADOC	AL	Charles Mayo	(334) 255-2416	AL213720776	Not Required	Partially Complete <50%
Fort Sill	TRADOC	OK	Glen Wampler	(580) 442-4324	OK213720846	Partially Complete <60%	Partially Complete <50%
POM Annex	TRADOC	CA	Jane Holte	(831) 242-7917	CA213720606	Partially Complete >=60%	Complete
Chas E. Kelly (Oakdale SPT FAC)	USARCS	PA	Donald Floding	(724) 693-1926	PA214022344	Not Required	Partially Complete >=85%

Installation	MACOM	State	POC	POC Phone	FFID	ESMP	TES PLS
Devens RFTA	USARC	MA	Tom Poole	(978) 796-2747	MA2104MA039	Not Required	Complete
Fort Hunter Liggett	USARC	CA	Liz Clark	(831) 386-2791	CA210420436	Current & Approved	Complete
Fort McCoy	USARC	WI	Tim Wilder	(608) 388-5459	WI2104WI020	Partially Complete >=60%	Partially Complete >=85%
Parks RFTA	USARC	CA	Marshall Marik	(510) 803-5638	CA2104CA048	Partially Complete <60%	Partially Complete <50%
Perine Reserve Center	USARC	FL	Jim Adair	(803) 751-8757	FL2104FL031	Current & Approved	Complete
Dillingham Military Reservation	USARPAC	HI	Steve Kim	(808) 656-2878	HI214522889	Partially Complete >=60%	Complete
Fort Greely	USARPAC	AK	Gary Larson	(907) 384-3074	AK214522155	Partially Complete >=60%	Complete
Fort Richardson	USARPAC	AK	Gary Larson	(907) 384-3074	AK214522157	Partially Complete >=60%	Complete
Fort Wainwright	USARPAC	AK	Gary Larson	(907) 384-3074	AK214522426	Partially Complete >=60%	Complete
Kahuku TA	USARPAC	HI	Steve Kim	(808) 656-2878	HI214522212	Partially Complete >=60%	Complete
Kawaihae TA	USARPAC	HI	Steve Kim	(808) 656-2878	HI214522216	Partially Complete >=60%	Complete
Makua Military Reservation	USARPAC	HI	Steve Kim	(808) 656-2878	HI214522227	Partially Complete >=60%	Complete
Pohakuloa TA	USARPAC	HI	Scott Henderson	(808) 523-5196	HI214522234	Current & Approved	Partially Complete <50%
Schofield Barracks Military Reservation	USARPAC	HI	Steve Kim	(808) 656-2878	HI214522239	Partially Complete >=60%	Complete
Tripler Army Medical Center	USARPAC	HI	Steve Kim	(808) 656-2878	HI214522241	Not Required	Not Required
Fort Buchanan	USARSO	PR	Tony Perez	(787) 273-3508	PR2140RQ327	Partially Complete >=60%	Complete
West Point Military Reservation	USMA	NY	Eugene Rood	(914) 938-3415	NY214620915	Current & Approved	Complete

Appendix C: Installations for Each TES and Whether or Not Critical Habitat Has Been Designated on the Installation

Scientific Name	Common Name	Fed Stat	Category	MACOM	Installation	Onsite/ Contiguous	Critical Habitat on Installation?
<i>Abutilon sandwicense</i>	None	E	Plant	USARPAC	Schofield Barracks	Contiguous	No
<i>Achatinella apexfulva</i>	Pupu Kuahiwi	E	Snail	USARPAC	Kawaiola TA	Onsite	No
<i>Achatinella byronii</i>	Pupu Kuahiwi	E	Snail	USARPAC	Kawaiola TA	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
<i>Achatinella curta</i>	Pupu Kuahiwi	E	Snail	USARPAC	Kawaiola TA	Onsite	No
<i>Achatinella decipiens</i>	Pupu Kuahiwi	E	Snail	USARPAC	Kawaiola TA	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
<i>Achatinella leucorraphe</i>	Pupu Kuahiwi	E	Snail	USARPAC	Kawaiola TA	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
<i>Achatinella lila</i>	Pupu Kuahiwi	E	Snail	USARPAC	Kawaiola TA	Onsite	No
<i>Achatinella livida</i>	Pupu Kuahiwi	E	Snail	USARPAC	Kawaiola TA	Onsite	No
<i>Achatinella mustelina</i>	Pupu Kuahiwi	E	Snail	USARPAC	Makua	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
<i>Achatinella pulcherrima</i>	Pupu Kuahiwi	E	Snail	USARPAC	Kawaiola TA	Onsite	No
<i>Achatinella sowerbyana</i>	Pupu Kuahiwi	E	Snail	USARPAC	Kahuku TA	Onsite	No
				USARPAC	Kawaiola TA	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
<i>Acipenser brevirostrum</i>	Shortnose Sturgeon	E	Fish	AMC	Aberdeen PG	Onsite	No
				ARNG	Camp Smith	Contiguous	No
				FORSCOM	Fort Stewart	Onsite	No
				MTMC	Bayonne	Contiguous	No
				MTMC	Sunny Point	Contiguous	No
				USMA	West Point	Onsite	No
<i>Aconitum noveboracense</i>	Northern Wild Monkshood	T	Plant	AMC	Ravenna AAP	Contiguous	No
<i>Alectryon macrococcus</i>	Mahoe	E	Plant	USARPAC	Makua	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
<i>Alligator mississippiensis</i>	American Alligator	T(S/A)	Reptile	AMC	Longhorn AAP	Onsite	No
				AMC	Louisiana AAP	Onsite	No
				AMC	Pine Bluff Arsenal	Onsite	No
				AMC	Redstone Arsenal	Onsite	No
				ARNG	Camp Blanding	Onsite	No
				ARNG	Camp Shelby	Onsite	No
				MTMC	Sunny Point	Onsite	No
				TRADOC	Fort Benning	Onsite	No
				TRADOC	Fort Jackson	Onsite	No
				TRADOC	Fort Rucker	Onsite	No
<i>Alsinidendron obovatum</i>	None	E	Plant	USARPAC	Makua	Onsite	No
<i>Alsinidendron trinerve</i>	None	E	Plant	USARPAC	Schofield Barracks	Onsite	No
<i>Amblyopsis rosae</i>	Ozark Cavefish	T	Fish	ARNG	Camp Crowder	Contiguous	No
<i>Ambystoma californiense</i>	California Tiger Salamander	C(w)	Amphibian	USARC	Fort Hunter Liggett	Onsite	No

Scientific Name	Common Name	Fed Stat	Category	MACOM	Installation	Onsite/ Contiguous	Critical Habitat on Installation?
<i>Ambystoma tigrinum stebbinsi</i>	Sonoran Tiger Salamander	E	Amphibian	TRADOC	Fort Huachuca	Onsite	No
<i>Anas wyvilliana</i>	Hawaiian Duck	E	Bird	USARPAC	Dillingham	Contiguous	No
<i>Aphelocoma coerulescens</i>	Florida Scrub-jay	T	Bird	ARNG	Camp Blanding	Onsite	No
<i>Apis priceana</i>	Price's Potato-bean	T	Plant	AMC	Redstone Arsenal	Onsite	No
				FORSCOM	Fort Campbell	Contiguous	No
<i>Arctomecon humilis</i>	Dwarf Bear Poppy	E	Plant	ARNG	St. George Armory	Onsite	No
<i>Asplenium fragile</i> var. <i>insulare</i>	None	E	Plant	USARPAC	Pohakuloa TA	Onsite	No
<i>Astragalus jaegerianus</i>	Lane Mountain Milk-vetch	E	Plant	FORSCOM	Fort Irwin	Onsite	No
<i>Bonamia menziesii</i>	None	E	Plant	USARPAC	Makua	Onsite	No
<i>Brachyramphus marmoratus</i>	Marbled Murrelet	T	Bird	ARNG	Camp Rilea	Contiguous	No
<i>Branchinecta lynchii</i>	Vernal Pool Fairy Shrimp	T	Crustacean	ARNG	Camp Roberts TS	Onsite	No
				USARC	Fort Hunter Liggett	Onsite	No
<i>Bufo microscaphus californicus</i>	Arroyo Southwest-ern Toad	E	Amphibian	USARC	Fort Hunter Liggett	Onsite	No
<i>Buteo solitarius</i>	Hawaiian Hawk	E	Bird	USARPAC	Pohakuloa TA	Onsite	No
<i>Caesalpinia kavaiense</i>	Uhiuhi	E	Plant	USARPAC	Makua	Contiguous	No
<i>Canis lupus</i>	Gray Wolf	T	Mammal	ARNG	Camp Ripley	Onsite	No
		E	Mammal	USARC	Fort McCoy	Contiguous	No
<i>Caretta caretta</i>	Loggerhead Sea Turtle	T	Reptile	MTMC	Bayonne	Contiguous	No
				MTMC	Sunny Point	Contiguous	No
<i>Cenchrus agrimonoides</i>	Kamanomano	E	Plant	USARPAC	Makua	Onsite	No
<i>Chamaesyce deltoidea</i>	Deltoid Spurge	E	Plant	USARC	Perrine Reserve Center	Onsite	No
<i>Chamaesyce rockii</i>	‘Akoko	E	Plant	USARPAC	Kahuku TA	Onsite	No
				USARPAC	Kawaiola TA	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
<i>Charadrius alexandrinus nivosus</i>	Western Snowy Plover	T	Bird	ARNG	Camp Rilea	Contiguous	No
<i>Charadrius melanotos</i>	Piping Plover	T	Bird	AMC	White Sands	Contiguous	No
				ARNG	Camp Grafton	Onsite	No
				FORSCOM	Fort Riley	Onsite	No
				MTMC	Sunny Point	Contiguous	No
<i>Charadrius montanus</i>	Mountain Plover	C	Bird	AMC	Rocky Mountain Arsenal	Onsite	No
				AMC	White Sands	Contiguous	No
				FORSCOM	Fort Carson	Onsite	No
				FORSCOM	Pinon Canyon	Onsite	No
<i>Chasiempis sandwichensis ibidis</i>	Oahu Elepaio	C	Bird	USARPAC	Kahuku TA	Onsite	No
				USARPAC	Makua	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No

Scientific Name	Common Name	Fed Stat	Category	MACOM	Installation	Onsite/ Contiguous	Critical Habitat on Installation?
<i>Chelonia mydas</i>	Green Sea Turtle	T	Reptile	MTMC	Bayonne	Contiguous	No
				MTMC	Sunny Point	Contiguous	No
<i>Chlorogalum purpureum</i> var. <i>purpureum</i>	Purple Amole	C	Plant	USARC	Fort Hunter Liggett	Onsite	No
<i>Chorizanthe pungens</i> var. <i>pungens</i>	Monterey Spine-flower	T	Plant	TRADOC	POM Annex	Onsite	No
<i>Cirsium fontinale</i> var. <i>obispoense</i>	Chorro Creek Bog Thistle	E	Plant	ARNG	Camp San Luis Obispo	Onsite	No
<i>Clematis morefieldii</i>	Morefield's Leather-flower	E	Plant	AMC	Redstone Arsenal	Contiguous	No
<i>Clemmys muhlenbergii</i>	Bog Turtle (Northern Pop)	T	Reptile	AMC	ARDEC (Picatinny)	Onsite	No
				AMC	Letterkenny Army Depot	Onsite	No
<i>Corvus hawaiiensis</i>	Hawaiian Crow	E	Bird	USARPAC	Pohakuloa TA	Contiguous	No
<i>Coryphantha sneedii</i> var. <i>sneedii</i>	Sneed Pincushion Cactus	E	Plant	TRADOC	Fort Bliss	Onsite	No
<i>Ctenitis squamigera</i>	Pauoa	E	Plant	USARPAC	Makua	Onsite	No
<i>Cyanea acuminata</i>	Haha	E	Plant	USARPAC	Kawaihoa TA	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
<i>Cyanea crispa</i>	None	E	Plant	USARPAC	Kawaihoa TA	Onsite	No
<i>Cyanea grimesiana</i> ssp. <i>grimesiana</i>	Haha	E	Plant	USARPAC	Schofield Barracks	Onsite	No
<i>Cyanea koolauensis</i>	Haha	E	Plant	USARPAC	Kahuku TA	Onsite	No
				USARPAC	Kawaihoa TA	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
<i>Cyanea st-johnii</i>	Haha	E	Plant	USARPAC	Kawaihoa TA	Contiguous	No
<i>Cyanea superba</i>	Haha	E	Plant	USARPAC	Makua	Onsite	No
<i>Cynomys parvidens</i>	Utah Prairie Dog	T	Mammal	ARNG	Cedar City Armory	Contiguous	No
<i>Cyperus trachysanthos</i>	Pu`uka`a	E	Plant	USARPAC	Dillingham	Contiguous	No
<i>Cyprinella caerulea</i>	Blue Shiner	T	Fish	TRADOC	Fort McClellan	Contiguous	No
<i>Cyrtandra dentata</i>	Ha`iwale	E	Plant	USARPAC	Makua	Onsite	No
				USARPAC	Kawaihoa TA	Onsite	No
<i>Cyrtandra subumbellata</i>	Ha`iwale	E	Plant	USARPAC	Schofield Barracks	Onsite	No
<i>Cyrtandra viridiflora</i>	Ha`iwale	E	Plant	USARPAC	Kawaihoa TA	Onsite	No
<i>Delissea subcordata</i>	‘Oha	E	Plant	USARPAC	Makua	Contiguous	No
<i>Dendroica chrysoparia</i>	Golden-cheeked Warbler	E	Bird	FORSCOM	Fort Hood	Onsite	No
				MEDCOM	Fort Sam Houston	Onsite	No
<i>Dendroica kirtlandii</i>	Kirtland's Warbler	E	Bird	ARNG	Camp Grayling	Onsite	No
<i>Dermochelys coriacea</i>	Leatherback Sea Turtle	E	Reptile	MTMC	Bayonne	Contiguous	No
				MTMC	Sunny Point	Contiguous	No
<i>Desmocerus californicus dimorphus</i>	Valley Elderberry Longhorn Beetle	T	Insect	AMC	Riverbank AAP	Contiguous	No
<i>Diellia falcata</i>	None	E	Plant	USARPAC	Makua	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
<i>Dromus dromas</i>	Dromedary Pearly-mussel	E	Clam	FORSCOM	Fort Campbell	Contiguous	No

Scientific Name	Common Name	Fed Stat	Category	MACOM	Installation	Onsite/ Contiguous	Critical Habitat on Installation?
<i>Drymarchon corais couperi</i>	Eastern Indigo Snake	T	Reptile	ARNG FORSCOM	Camp Blanding Fort Stewart	Onsite Onsite	No No
<i>Dubautia herbstobatae</i>	Na`ena`e	E	Plant	USARPAC	Makua	Onsite	No
<i>Echinacea laevigata</i>	Smooth Coneflower	E	Plant	ARNG TRADOC	Leesburg TS Fort Jackson	Onsite Onsite	No No
<i>Empidonax traillii extimus</i>	Southwestern Willow Flycatcher	E	Bird	AMC TRADOC	White Sands Fort Huachuca	Contiguous Contiguous	No Yes
<i>Epicrates inornatus</i>	Puerto Rican Boa	E	Reptile	USARSO	Fort Buchanan	Onsite	No
<i>Epioblasma florentina walkeri</i>	Tan Riffleshell	E	Clam	FORSOCOM	Fort Campbell	Contiguous	No
<i>Erigeron basalticus</i>	Basalt Daisy	C	Plant	FORSOCOM	Yakima TC	Onsite	No
<i>Erigeron lemmonii</i>	Lemmon Fleabane	C	Plant	TRADOC	Fort Huachuca	Onsite	No
<i>Etheostoma cragini</i>	Arkansas Darter	C	Fish	FORSOCOM	Fort Carson	Onsite	No
<i>Etheostoma sellare</i>	Maryland Darter	E	Fish	AMC	Aberdeen PG	Contiguous	No
<i>Eugenia koolauensis</i>	Nioi	E	Plant	USARPAC	Kahuku TA	Onsite	No
<i>Euphorbia haeleeleana</i>	‘Akoko	E	Plant	USARPAC	Makua	Onsite	No
<i>Falco femoralis septentrionalis</i>	Northern Aplomado Falcon	E	Bird	AMC TRADOC	White Sands Fort Bliss	Onsite Contiguous	No No
<i>Falco peregrinus</i>	Peregrine Falcon	E(S/A)	Bird	AMC AMC AMC AMC AMC AMC AMC ARNG FORSOCOM FORSOCOM FORSOCOM MTMC USARC	Aberdeen PG Redstone Arsenal Rocky Mountain Arsenal Sierra Army Depot Sunflower AAP White Sands Camp Rilea Fort Campbell Fort Hood Fort Riley Sunny Point Devens RFTA	Contiguous Onsite Onsite Contiguous Contiguous Onsite Onsite Contiguous Onsite Contiguous Onsite Contiguous Contiguous Contiguous Contiguous	No No No No No No No No No No No No No No No
<i>Falco peregrinus anatum</i>	American Peregrine Falcon	E	Bird	AMC AMC AMC AMC AMC ARNG ARNG ARNG ARNG FORSOCOM FORSOCOM MTMC TRADOC	ARDEC (Picatinny) Deseret Chemical Depot Dugway Proving Ground White Sands Camp Ashland Camp Navajo Camp Smith Stead Training Site Fort Carson Pinon Canyon Bayonne Fort Bliss	Contiguous Contiguous Contiguous Contiguous Contiguous Onsite Contiguous Onsite Contiguous Contiguous Onsite Contiguous Onsite Onsite	No No No No No No No No Yes No No No No No

Scientific Name	Common Name	Fed Stat	Category	MACOM	Installation	Onsite/ Contiguous	Critical Habitat on Installation?
				TRADOC	Fort Huachuca	Onsite	No
				USARC	Fort Hunter Liggett	Contiguous	No
				USARPAC	Fort Greely	Contiguous	No
				USARPAC	Fort Richardson	Contiguous	No
				USARPAC	Fort Wainwright	Contiguous	No
<i>Felis concolor</i>	Mountain Lion	T(S/A)	Mammal	MTMC	Sunny Point	Onsite	No
<i>Felis concolor coryi</i>	Florida Panther	E	Mammal	ARNG	Camp Blanding	Contiguous	No
<i>Flueggea neowawraea</i>	Mehamehame	E	Plant	USARPAC	Makua	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
<i>Fulica americana alai</i>	Hawaiian Coot	E	Bird	ARNG	Fort Ruger	Onsite	No
				USARPAC	Dillingham	Contiguous	No
<i>Gallinula chloropus sandvicensis</i>	Hawaiian Common Moorhen	E	Bird	ARNG	Fort Ruger	Onsite	No
				USARPAC	Dillingham	Contiguous	No
<i>Gardenia mannii</i>	Nanu	E	Plant	USARPAC	Kahuku TA	Onsite	No
				USARPAC	Kawaiola TA	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
<i>Gopherus agassizii</i>	Desert Tortoise (Sonoran Pop.)	T(S/A)	Reptile	AMC	Yuma Proving Ground	Onsite	No
<i>Gopherus agassizii</i>	Desert Tortoise	T	Reptile	ARNG	Clark County TA	Onsite	No
				FORSCOM	Fort Irwin	Onsite	Yes
<i>Gopherus polyphemus</i>	Gopher Tortoise	T	Reptile	ARNG	Camp Shelby	Onsite	No
<i>Grus americana</i>	Whooping Crane	E	Bird	AMC	White Sands	Contiguous	No
				ARNG	Camp Ashland	Contiguous	Yes
				ARNG	Hastings Training Site	Contiguous	Yes
				FORSCOM	Fort Hood	Contiguous	No
<i>Gymnogyps californianus</i>	California Condor	E	Bird	USARC	Fort Hunter Liggett	Contiguous	No
<i>Haliaeetus leucocephalus</i>	Bald Eagle	T	Bird	AMC	Aberdeen PG	Onsite	No
				AMC	Adelphi Army Research Labs	Onsite	No
				AMC	ARDEC (Picatinny)	Contiguous	No
				AMC	Deseret Chemical Depot	Contiguous	No
				AMC	Dugway Proving Ground	Contiguous	No
				AMC	Holston AAP	Contiguous	No
				AMC	Newport Chemical Activity	Onsite	No
				AMC	Ravenna AAP	Contiguous	No
				AMC	Redstone Arsenal	Onsite	No
				AMC	Rock Island Arsenal	Onsite	No
				AMC	Rocky Mountain Arsenal	Onsite	No
				AMC	Savanna Army Depot Activity	Onsite	No
				AMC	Sierra Army Depot	Contiguous	No

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				AMC	Sunflower AAP	Contiguous	No
				AMC	Tooele Army Depot	Contiguous	No
				AMC	Twin Cities AAP	Contiguous	No
				AMC	White Sands	Onsite	No
				ARNG	Camp Blanding	Onsite	No
				ARNG	Camp Crowder	Onsite	No
				ARNG	Camp Grafton	Contiguous	No
				ARNG	Camp Grayling	Onsite	No
				ARNG	Camp Guernsey	Contiguous	No
				ARNG	Camp Joseph T. Robinson	Contiguous	No
				ARNG	Camp Murray	Onsite	No
				ARNG	Camp Navajo	Onsite	No
				ARNG	Camp Rilea	Onsite	No
				ARNG	Camp Ripley	Onsite	No
				ARNG	Camp Roberts TS	Onsite	No
				ARNG	Camp Smith	Contiguous	No
				ARNG	Camp Williams	Contiguous	No
				ARNG	Ike Skelton Training Site	Onsite	No
				ARNG	Macon Training Site	Onsite	No
				ARNG	Stead Training Site	Contiguous	No
				ARNG	Truman Training Site	Onsite	No
				FORSCOM	Fort Campbell	Onsite	No
				FORSCOM	Fort Carson	Onsite	No
				FORSCOM	Fort Hood	Onsite	No
				FORSCOM	Fort Lewis	Onsite	No
				FORSCOM	Fort Riley	Onsite	No
				FORSCOM	Fort Stewart	Onsite	No
				FORSCOM	Pinon Canyon	Onsite	No
				FORSCOM	Yakima TC	Onsite	No
				MDW	Fort A.P. Hill	Onsite	No
				MDW	Fort Belvoir	Onsite	No
				MTMC	Bayonne	Contiguous	No
				MTMC	Sunny Point	Contiguous	No
				TRADOC	Fort Benning	Onsite	No
				TRADOC	Fort Bliss	Onsite	No
				TRADOC	Fort Eustis	Onsite	No
				TRADOC	Fort Gordon	Onsite	No
				TRADOC	Fort Knox	Onsite	No
				TRADOC	Fort Leavenworth	Onsite	No
				TRADOC	Fort Lee	Onsite	No
				TRADOC	Fort Leonard Wood	Onsite	No
				TRADOC	Fort Rucker	Contiguous	No
				USARC	Chas E. Kelly	Contiguous	No

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				USARC	Devens RFTA	Contiguous	No
				USARC	Fort Hunter Liggett	Onsite	No
				USARC	Fort McCoy	Onsite	No
				USMA	West Point	Onsite	No
Haplostachys haplostachya	None	E	Plant	USARPAC	Pohakuloa TA	Onsite	No
Hedeoma todsenii	Todsen's Pennyroyal	E	Plant	AMC	White Sands	Onsite	Yes
Hedyotis coriacea	Kio`ele	E	Plant	USARPAC	Pohakuloa TA	Onsite	No
Hedyotis parvula	None	E	Plant	USARPAC	Makua	Onsite	No
Helianthus eggertii	Eggert's Sunflower	T	Plant	ARNG	Tullahoma TS	Onsite	No
Helonias bullata	Swamp Pink	T	Plant	MDW	Fort A.P. Hill	Onsite	No
Hemignathus munroi	`Akiapola`au	E	Bird	USARPAC	Pohakuloa TA	Onsite	No
Hesperomannia arborescens	None	E	Plant	USARPAC	Kahuku TA	Onsite	No
				USARPAC	Kawaiola TA	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
Hibiscus brackenridgei	Ma`o Hau Hele	E	Plant	USARPAC	Dillingham	Contiguous	No
Himantopus mexicanus knudseni	Hawaiian Stilt	E	Bird	ARNG	Ukumehame Firing Range	Onsite	No
				USARPAC	Dillingham	Contiguous	No
Howellia aquatilis	Water Howelia	T	Plant	FORSCOM	Fort Lewis	Onsite	No
Hymenoxys texana	Texas Prairie Dawn-flower	E	Plant	ARNG	Addicks Reservoir WETS	Onsite	No
				ARNG	Barker Dam WETS	Onsite	No
Isodendrion laurifolium	Aupaka	E	Plant	USARPAC	Schofield Barracks	Onsite	No
Isoetes louisianensis	Louisiana Quillwort	E	Plant	ARNG	Camp Shelby	Onsite	No
Isotria medeoloides	Small Whorled Pogonia	T	Plant	ARNG	New Hampshire NG TS	Contiguous	No
				MDW	Fort A.P. Hill	Onsite	No
Labordia cyrtandrae	Kamakahala	E	Plant	USARPAC	Schofield Barracks	Onsite	No
Lampsilis abrupta	Pink Mucket Pearlymussel	E	Clam	FORSCOM	Fort Campbell	Contiguous	No
Lampsilis higginsi	Higgins Eye Pearlymussel	E	Clam	AMC	Rock Island Arsenal	Contiguous	No
				AMC	Savanna Army Depot Activity	Onsite	No
Lasiurus cinereus semotus	Hawaiian Hoary Bat	E	Mammal	ARNG	Kanaio WETS	Onsite	No
				ARNG	Keaukaha	Onsite	No
				USARPAC	Makua	Onsite	No
				USARPAC	Pohakuloa TA	Onsite	No
Lepidium arbuscula	Anauna	E	Plant	USARPAC	Makua	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
Lepidochelys kempii	Kemp's Ridley Sea Turtle	E	Reptile	MTMC	Bayonne	Contiguous	No
				MTMC	Sunny Point	Contiguous	No
Leptonycteris curasoae yerbabuenae	Lesser Long-nosed Bat	E	Mammal	TRADOC	Fort Huachuca	Onsite	No

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<i>Lilaeopsis schaffneriana</i> ssp. <i>recurva</i>	Huachuca Water-umbel	E	Plant	TRADOC	Fort Huachuca	Onsite	No
<i>Lipochaeta tenuifolia</i>	Nehe	E	Plant	USARPAC	Makua	Onsite	No
<i>Lobelia gaudichaudii</i> ssp. <i>koolauensis</i>	None	E	Plant	USARPAC	Kawaiola TA	Onsite	No
<i>Lobelia niihauensis</i>	None	E	Plant	USARPAC	Makua	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
<i>Lobelia oahuensis</i>	None	E	Plant	USARPAC	Makua	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
<i>Loxoides bailleui</i>	Palila (Honey-creeper)	E	Bird	USARPAC	Pohakuloa TA	Onsite	Yes
<i>Loxops coccineus coccineus</i>	Hawaii `Akepa (Honeycreeper)	E	Bird	USARPAC	Pohakuloa TA	Contiguous	No
<i>Lycaeides melissa samuelis</i>	Karner Blue Butterfly	E	Insect	ARNG	State Military Reservation	Contiguous	No
				ARNG	Wisconsin Military Academy	Contiguous	No
				USARC	Fort McCoy	Onsite	No
<i>Lysimachia asperulaefolia</i>	Rough-leaved Loosestrife	E	Plant	ARNG	Leesburg TS	Contiguous	No
				FORSCOM	Fort Bragg	Onsite	No
				MTMC	Sunny Point	Onsite	No
				TRADOC	Fort Jackson	Onsite	No
<i>Marshallia mohrii</i>	Mohr's Barbara's Buttons	T	Plant	TRADOC	Fort McClellan	Onsite	No
<i>Megalagrion xanthomelas</i>	Orangeblack Hawaiian Damselfly	C	Insect	USARPAC	Tripler Army Medical Center	Onsite	No
<i>Melicope lydgatei</i>	Alani	E	Plant	USARPAC	Kawaiola TA	Onsite	No
<i>Mustela nigripes</i>	Black-footed Ferret	E	Mammal	AMC	White Sands	Contiguous	No
<i>Mycteria americana</i>	Wood Stork	E	Bird	ARNG	Camp Blanding	Onsite	No
				FORSCOM	Fort Stewart	Onsite	No
				TRADOC	Fort Benning	Onsite	No
				TRADOC	Fort Gordon	Onsite	No
<i>Myotis grisescens</i>	Gray Bat	E	Mammal	AMC	Indiana AAP	Onsite	No
				AMC	Redstone Arsenal	Onsite	No
				ARNG	Camp Crowder	Onsite	No
				ARNG	Tullahoma TS	Contiguous	No
				ARNG	Wendall Ford Regional TC	Onsite	No
				FORSCOM	Fort Campbell	Onsite	No
				TRADOC	Fort Knox	Onsite	No
				TRADOC	Fort Leonard Wood	Onsite	No
				TRADOC	Fort McClellan	Contiguous	No
				TRADOC	Fort Rucker	Contiguous	No

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<i>Myotis sodalis</i>	Indiana Bat	E	Mammal	AMC	ARDEC (Picatinny)	Onsite	No
				AMC	Iowa AAP	Onsite	No
				AMC	Jefferson Proving Ground	Onsite	No
				AMC	Newport Chemical Activity	Onsite	No
				AMC	Redstone Arsenal	Contiguous	No
				AMC	Rock Island Arsenal	Contiguous	No
				ARNG	Camp Atterbury	Onsite	No
				ARNG	Macon Training Site	Contiguous	No
				FORSCOM	Fort Campbell	Onsite	No
				TRADOC	Fort Knox	Onsite	No
				TRADOC	Fort Leonard Wood	Onsite	No
<i>Myrsine judii</i>	Kolea	E	Plant	USARPAC	Kawaihoa TA	Onsite	No
<i>Neonympha mitchellii francisci</i>	Saint Francis' Satyr Butterfly	E	Insect	FORSCOM	Fort Bragg	Onsite	No
<i>Neraudia angulata</i> var angulata	Ma'aloa	E	Plant	USARPAC	Makua	Onsite	No
				USARPAC	Schofield Barracks	Contiguous	No
<i>Neraudia angulata</i> var dentata	Ma'aloa	E	Plant	USARPAC	Makua	Onsite	No
				USARPAC	Schofield Barracks	Contiguous	No
<i>Neraudia ovata</i>	None	E	Plant	USARPAC	Pohakuloa TA	Onsite	No
<i>Nerodia erythrogaster neglecta</i>	Copperbelly Water Snake	T	Reptile	FORSCOM	Fort Campbell	Contiguous	No
<i>Nesochen sandvicensis</i>	Hawaiian Goose	E	Bird	USARPAC	Pohakuloa TA	Onsite	No
<i>Nicrophorus americanus</i>	American Burying Beetle	E	Insect	AMC	McAlester AAP	Onsite	No
					Camp Gruber	Onsite	No
					Fort Chaffee	Onsite	No
<i>Nototrichium humile</i>	Kulu'i	E	Plant	USARPAC	Dillingham	Onsite	No
				USARPAC	Makua	Onsite	No
				USARPAC	Schofield Barracks	Contiguous	No
<i>Notropis topeka</i>	Topeka Shiner	C	Fish	FORSCOM	Fort Riley	Onsite	No
<i>Obovaria retusa</i>	Ring Pink Mussel	E	Clam	FORSCOM	Fort Campbell	Contiguous	No
<i>Onchorhynchus mykiss</i>	Steelhead	T	Fish	ARNG	Camp San Luis Obispo	Onsite	No
<i>Oncorhynchus clarki stomias</i>	Greenback Cut-throat Trout	T	Fish	FORSCOM	Fort Carson	Onsite	No
<i>Oreomystis mana</i>	Hawaii Creeper	E	Bird	USARPAC	Pohakuloa TA	Contiguous	No
<i>Ottoschulzia rhodoxylon</i>	Palo de Rosa	E	Plant	USARSO	Fort Buchanan	Onsite	No
<i>Palaemonias alabamae</i>	Alabama Cave Shrimp	E	Crustacean	AMC	Redstone Arsenal	Onsite	No
<i>Paroreomyza maculata</i>	Oahu Creeper	E	Bird	USARPAC	Kawaihoa TA	Onsite	No
				USARPAC	Makua	Onsite	No
<i>Pelecanus occidentalis</i>	Brown Pelican	E	Bird	ARNG	Camp Rilea	Contiguous	No
<i>Phlegmariurus nutans</i>	Wawae'iole	E	Plant	USARPAC	Kawaihoa TA	Onsite	No
<i>Phyllostegia hirsuta</i>	None	E	Plant	USARPAC	Kahuku TA	Onsite	No

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				USARPAC	Kawaiola TA	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
<i>Phyllostegia kaalaensis</i>	None	E	Plant	USARPAC	Schofield Barracks	Contiguous	No
<i>Phyllostegia mollis</i>	None	E	Plant	USARPAC	Schofield Barracks	Onsite	No
<i>Picoides borealis</i>	Red-cockaded Woodpecker	E	Bird	ARNG	Camp Beauregard	Contiguous	No
				ARNG	Camp Blanding	Onsite	No
				ARNG	Camp Shelby	Contiguous	No
				ARNG	Leesburg TS	Onsite	No
				FORSCOM	Fort Bragg	Onsite	No
				FORSCOM	Fort Polk	Onsite	No
				FORSCOM	Fort Stewart	Onsite	No
				MTMC	Sunny Point	Onsite	No
				TRADOC	Fort Benning	Onsite	No
				TRADOC	Fort Gordon	Onsite	No
				TRADOC	Fort Jackson	Onsite	No
				TRADOC	Fort McClellan	Contiguous	No
<i>Piperia yadonii</i>	Yadon's Piperia	E	Plant	TRADOC	POM Annex	Onsite	No
<i>Plantago princeps</i> var <i>princeps</i>	Laukahia kuahiwi	E	Plant	USARPAC	Makua	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
<i>Plethobasus cooperianus</i>	Orangefoot Pimple-back Pearlymussel	E	Clam	FORSCOM	Fort Campbell	Contiguous	No
<i>Pleurobema plenum</i>	Rough Pigtoe	E	Clam	FORSCOM	Fort Campbell	Contiguous	No
<i>Portulaca sclerocarpa</i>	Po`e	E	Plant	USARPAC	Pohakuloa TA	Onsite	No
<i>Pritchardia kaalae</i>	Loulu	E	Plant	USARPAC	Makua	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
<i>Psittirostra psittacea</i>	O'u	E	Bird	USARPAC	Pohakuloa TA	Contiguous	No
<i>Pteris lidgatei</i>	None	E	Plant	USARPAC	Kawaiola TA	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
<i>Pterodroma phaeopygia sandwichensis</i>	Hawaiian Dark-rumped Petrel	E	Bird	USARPAC	Pohakuloa TA	Contiguous	No
<i>Ptilimnium nodosum</i>	Harperella	E	Plant	ARNG	Lil Aaron Straus	Onsite	No
<i>Pyrgulopsis thompsoni</i>	Huachuca Springsnail	C	Snail	TRADOC	Fort Huachuca	Onsite	No
<i>Quadrula fragosa</i>	Winged Mapleleaf Mussel	E	Clam	FORSCOM	Fort Campbell	Contiguous	No
<i>Rana aurora draytonii</i>	California Red-legged Frog	T	Amphibian	ARNG	Camp San Luis Obispo	Onsite	No
				USARC	Fort Hunter Liggett	Contiguous	No
				USARC	Parks RFTA	Onsite	No
<i>Rana pretiosa</i>	Oregon Spotted Frog	C(w)	Amphibian	AMC	Dugway PG	Contiguous	No
				FORSCOM	Fort Lewis	Contiguous	No
<i>Rhododendron chapmanii</i>	Chapman Rhododendron	E	Plant	ARNG	Camp Blanding	Onsite	No

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<i>Rhus michauxii</i>	Michaux's Sumac	E	Plant	ARNG	Fort Pickett	Onsite	No
				FORSCOM	Fort Bragg	Onsite	No
<i>Rumex orthoneurus</i>	Blumer's Dock	C	Plant	TRADOC	Fort Huachuca	Onsite	No
<i>Sanicula mariversa</i>	None	E	Plant	USARPAC	Makua	Onsite	No
<i>Sanicula purpurea</i>	None	E	Plant	USARPAC	Kawaiola TA	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
<i>Scaphirhynchus albus</i>	Pallid Sturgeon	E	Fish	ARNG	Camp Ashland	Contiguous	No
<i>Schiedea hookeri</i>	None	E	Plant	USARPAC	Makua	Onsite	No
				USARPAC	Schofield Barracks	Contiguous	No
<i>Schiedea kealiae</i>	Ma`oli`oli	E	Plant	USARPAC	Dillingham	Onsite	No
<i>Schiedea nuttallii</i>	None	E	Plant	USARPAC	Makua	Onsite	No
<i>Schwalbea americana</i>	American Chaffseed	E	Plant	FORSCOM	Fort Bragg	Onsite	No
<i>Scutellaria montana</i>	Large-flowered Skullcap	E	Plant	AMC	Volunteer AAP	Onsite	No
<i>Sesbania tomentosa</i>	`Ohai	E	Plant	ARNG	Kanaio WETS	Onsite	No
<i>Sidalcea nelsoniana</i>	Nelson's Checker- mallow	T	Plant	ARNG	Camp Adair	Onsite	No
<i>Silene hawaiiensis</i>	None	T	Plant	USARPAC	Pohakuloa TA	Onsite	No
<i>Silene lanceolata</i>	None	E	Plant	USARPAC	Makua	Onsite	No
				USARPAC	Pohakuloa TA	Onsite	No
<i>Solanum incompletum</i>	Popolo Ku Mai	E	Plant	USARPAC	Pohakuloa TA	Onsite	No
<i>Solidago houghtonii</i>	Houghton's Golden- rod	T	Plant	ARNG	Camp Grayling	Onsite	No
<i>Spermolepis hawaiiensis</i>	None	E	Plant	USARPAC	Makua	Onsite	No
				USARPAC	Pohakuloa TA	Onsite	No
<i>Speyeria zerene hippolyta</i>	Oregon Silverspot Butterfly	T	Insect	ARNG	Camp Rilea	Onsite	No
<i>Spiranthes delitescens</i>	Canelo Hills Ladies'- tresses	E	Plant	TRADOC	Fort Huachuca	Contiguous	No
<i>Spiranthes diluvialis</i>	Ute Ladies'-tresses	T	Plant	FORSCOM	Fort Carson	Contiguous	No
				FORSCOM	Pinon Canyon	Contiguous	No
<i>Stenogyne angustifolia</i>	None	E	Plant	USARPAC	Pohakuloa TA	Onsite	No
<i>Sterna antillarum</i>	Least Tern	E	Bird	AMC	White Sands	Onsite	No
				ARNG	Camp Ashland	Contiguous	No
				ARNG	Ike Skelton Training Site	Onsite	No
				FORSCOM	Fort Riley	Onsite	No
<i>Strix occidentalis caurina</i>	Northern Spotted Owl	T	Bird	ARNG	Camp Adair	Contiguous	No
				ARNG	Camp Rilea	Contiguous	No
				FORSCOM	Fort Lewis	Contiguous	Yes
<i>Strix occidentalis lucida</i>	Mexican Spotted Owl	T	Bird	AMC	White Sands	Onsite	No
				ARNG	Camp Navajo	Contiguous	No
				FORSCOM	Fort Carson	Onsite	No
				TRADOC	Fort Huachuca	Onsite	No
<i>Tetramolopium arenarium</i>	None	E	Plant	USARPAC	Pohakuloa TA	Onsite	No

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<i>Tetramolopium filiforme</i>	None	E	Plant	USARPAC	Makua	Onsite	No
<i>Tetraplasandra gymnocarpa</i>	'Ohe'ohe	E	Plant	USARPAC	Kahuku TA	Onsite	No
				USARPAC	Kawaiola TA	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
<i>Thalictrum cooleyi</i>	Cooley's Meadowrue	E	Plant	MTMC	Sunny Point	Contiguous	No
<i>Trichechus manatus</i>	West Indian Manatee	E	Mammal	MTMC	Sunny Point	Contiguous	No
<i>Trifolium stoloniferum</i>	Running Buffalo Clover	E	Plant	AMC	Blue Grass Army Depot	Onsite	No
<i>Trillium reliquum</i>	Relict Trillium	E	Plant	TRADOC	Fort Benning	Onsite	No
<i>Urera kaalae</i>	Opuhe	E	Plant	USARPAC	Schofield Barracks	Onsite	No
<i>Ursus americanus floridanus</i>	Florida Black Bear	C(w)	Mammal	ARNG	Camp Blanding	Onsite	No
<i>Viola chamissoniana</i> ssp. <i>Pamakani</i>		E	Plant	USARPAC	Makua	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
<i>Viola oahuensis</i>	None	E	Plant	USARPAC	Kawaiola TA	Onsite	No
				USARPAC	Schofield Barracks	Onsite	No
<i>Vireo atricapillus</i>	Black-capped Vireo	E	Bird	ARNG	Camp Barkley	Onsite	No
				FORSCOM	Fort Hood	Onsite	No
				MEDCOM	Fort Sam Houston	Onsite	No
				TRADOC	Fort Sill	Onsite	No
<i>Vireo bellii pusillus</i>	Least Bell's Vireo	E	Bird	ARNG	Camp Roberts TS	Contiguous	No
				ARNG	Camp San Luis Obispo	Onsite	No
				USARC	Fort Hunter Liggett	Contiguous	No
				USARC	Fort McCoy	Onsite	No
<i>Vulpes macrotis mutica</i>	San Joaquin Kit Fox	E	Mammal	ARNG	Camp Roberts TS	Onsite	No
				USARC	Fort Hunter Liggett	Onsite	No
<i>Vulpes velox</i>	Swift Fox	C(w)	Mammal	ARNG	Camp Ashland	Contiguous	No
				FORSCOM	Pinon Canyon	Onsite	No
<i>Xyris tennesseensis</i>	Tennessee Yellow-eyed Grass	E	Plant	AMC	Anniston Army Depot	Onsite	No
				TRADOC	Fort McClellan	Onsite	No
<i>Zanthoxylum hawaiiense</i>	A'e	E	Plant	USARPAC	Pohakuloa TA	Onsite	No
<i>Zapus hudsonius preblei</i>	Preble's Meadow Jumping Mouse	T	Mammal	AMC	Rocky Mountain Arsenal	Contiguous	No
				FORSCOM	Fort Carson	Contiguous	No

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13. ABSTRACT (Maximum 200 words) The Army's Environmental Quality Report (EQR) is a means by which installations report annually to Army Headquarters (HQDA) on a variety of natural resource and environmental issues. This report (part of a continuing series) summarizes data from the Threatened and Endangered Species (TES) portion of the 1998 EQR. Installation-level data provides information on species that occur on or contiguous to each installation, while species-level data lists all installations on which each species occurs. Corresponding information on Federal status, category of species, critical habitat, informal consultations with the U.S. Fish and Wildlife Service (USFWS), and biological opinions rendered by USFWS are provided for each species. Additional information on the status of endangered species management plans (ESMPs), planning level surveys (PLSs), and points-of-contact are available for each installation.			
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